IN TWO SECTIONS—SECTION TWO

Transactions of the ASME

SOCIETY RECORDS

(Including Indexes to Publications for 1953)

Depositories for ASME Transactions in the United States, Including Territories and Dependencies SR-59

Depositories for ASME Transactions in Other Countries SR-62

Indexes to ASME Papers and Publications SR-63

- Regular Society Publications, 1953 . . . . . SR-63
- Publications Issued in 1953 . . . . . SR-63
- How to Find Papers Presented at 1953 ASME Meetings. SR-63
- Publications Developed by the Technical Committees SR-63
- Books and Pamphlets on Special Subjects SR-65
- Biographies SR-65
- Periodicals SR-65
- ASME Miscellaneous Papers, 1952 . . . . . SR-66

Index to *Mechanical Engineering*, 1953 . . . . . SR-71

Index to Transactions of the ASME, 1953 . . . . . SR-91

Index to the *Journal of Applied Mechanics*, 1953 . . . . . SR-101

TRANSACTIONS OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

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	Massachusetts Institute of Technology
Fall River	Public Library
Lynn	Free Public Library
New Bedford	Free Public Library
Springfield	Springfield City Library
Tufts College	Tufts College
Worcester	Free Public Library
	Worcester Polytechnic Institute

Michigan

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	Highland Park Public Library
	Public Library
	University of Detroit
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Flint	Public Library
Grand Rapids	Public Library
Houghton	Michigan College of Mining & Technology
Jackson	Public Library

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State College	Mississippi State College

Missouri

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	University of Cincinnati
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Cleveland	Cleveland Engineering Society
	Fenn College
	Public Library
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	Ohio State University
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Philadelphia	Drexel Institute
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	Franklin Institute
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Rhode Island

Kingston	The University of Rhode Island
Providence	Brown University
	Providence Engineering Society
	Public Library

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South Dakota

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Rapid City	South Dakota School of Mines

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São Paulo	Bibliotheca da Escola Polytechnica
	Centro Tecnico de Aeronautica

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	Engineering Institute of Canada
	McGill University
Toronto	University of Toronto, Library
Vancouver	University of British Columbia

Chile

Santiago	Universidad de Chile, Facultad de Ciencias Fisicas y Matematicas

Cuba

Havana	Cuban Society of Engineers

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Bristol	University of Bristol
Cambridge	University of Cambridge
Leeds	University of Leeds
Liverpool	Liverpool Engineering Society
	Public Library of Liverpool
London	City and Guild Engineering College
	Institution of Automobile Engineers
	The British Coal Utilization Research Association
	The Institution of Mechanical Engineers
	Institution of Civil Engineers
	Institution of Electrical Engineers
	The Junior Institution of Engineers
	The Royal Aeronautical Society
	The Patent Office Library
	Science Museum Library
Manchester	Manchester Public Libraries (Reference Library)
Oxford	Oxford University
Newcastle-upon-Tyne	The North-East Coast Institution of Engineers and Shipbuilders
Sheffield	Sheffield Public Libraries

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Dusseldorf	Verein Deutscher Ingenieure
	Bucherei des Vereines Deutscher Eisenhuttenleute
Hanover	Bucherei der Technischen Hochschule
Karlsruhe	Bucherei der Technischen Hochschule
Munchen	Bucherei des Deutschen Museums
Stuttgart	Bucherei der Technischen Hochschule

Holland

The Hague	Koninklijk Instituut van Ingenieure

India

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Calcutta	Bengal Engineering College
Poona	Poona College of Engineering
Rangoon	University of Rangoon

Ireland

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Italy

Torino	Biblioteca del Politecnico
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Napoli	Facolta' d'Ingegneria, Universita

Japan

Tokyo	The Japan Society of Mechanical Engineers

Mexico

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	Library of the Escuela de Ingenieros Mecanicos y Electricistas

New Zealand

Christ Church	Canterbury University College

Scotland

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Cape Town	University of Cape Town
Johannesburg	South African Institute of Mechanical Engineers

Sweden

Gothenburg	Chalmers Tekniska Institut
Stockholm	Kungl. Tekniska Hogskolans Bibliotek
Upsala	University of Upsala

Wales

Cardiff	Cardiff Public Library

Indexes to ASME Papers and Publications

THIS and the following pages will serve as a guide to the current publications of the ASME.

Regular Society Publications, 1953

Mechanical Engineering, monthly (see index on page SR-71)
ASME Transactions, monthly (see index on page SR-91)
Journal of Applied Mechanics, quarterly (see index on page SR-101)
ASME Mechanical Catalog and Directory, 1954 edition.
Applied Mechanics Reviews, monthly.

Publications Issued in 1953

Books

1952 ASME Transactions (bound form)
1952 Proceedings of the Oil and Gas Power Division
Oil and Gas Engine Power Costs for 1952
Design Data and Methods
Digital and Analog Computers and Computing Methods
Frequency-Response Symposium
Glossary of Terms in Nuclear Science and Technology, Section I, Physics
High Pressure Measurement
Lead-Base Babbitt Bearings
Metals Engineering—Design
Ten Years' Progress in Management 1942–1952

Biographies

I Remember—Autobiography of Dexter S. Kimball
Adventures in the Navy, in Education, Science, Engineering, and in War, by W. F. Durand

Standards and Safety Codes

1952 Power Boiler Code
1952 Boilers of Locomotives
1952 Low-Pressure Heating Boiler Code
1952 Miniature Boiler Code
1952 Unfired Pressure Vessel Code
Supplement No. 1 to Code for Pressure Piping
Safety Code for Mechanical Power-Transmission Apparatus
Safety Code for Private Residence Elevators
Involute Spline and Serration Gages and Gaging
Spindle Noses and Arbors for Milling Machines
Machine Tapers
Brass or Bronze Flanges and Flanged Fittings, 150 and 300 Lb
Steel Pipe Flanges and Flanged Fittings
Cast-Iron Screwed Drainage Fittings
Cast-Brass Solder-Joint Drainage Fittings
Plain Washers
Small Solid Rivets
Letter Symbols for Meteorology
Letter Symbols for Radio
Test Codes for:
Gas Turbine Power Plants
Index Method of Testing (Supplement to Hydraulic Prime Movers)

How to Find Papers Presented at 1953 ASME Meetings

THE technical programs of the meetings of the Society and of its Professional Divisions have been published in *Mechanical Engineering* and may be located by consulting the index on pages SR-71 to SR-90. A majority of these papers were published, or will be published, in *Mechanical Engineering* or the Transactions (including the *Journal of Applied Mechanics*) and may be located by reference to the indexes of these publications.

Publications Developed by the Technical Committees

THE Society's technical committees, the first of which was organized many years ago and all of which have been continuously at work on codes, standards, research, and other special reports, have developed a series of publications of permanent value to the membership. The following list is presented here for record and for ready reference. This list covers the works of these committees together with dates of publications and prices. A discount of 20 per cent is allowed to ASME members on all publications except where otherwise noted.

ASME AMERICAN STANDARDS

Bolt, Nut, and Rivet Proportions

Large Rivets (B18.4—1950), $0.80
Plow Bolts (B18.9—1950), $0.55
Round Head Bolts (B18.5—1952), $1.00
Small Solid Rivets (B18.1—1953), $1.00
Square and Hexagon Bolts and Nuts (B18.2—1952), $2.00
Track Bolts and Nuts (B18.10—1952), $1.00
High-Strength, High-Temperature Internal Wrenching Bolts (B18.18—1950), $0.50

Gear Design, Dimensions, and Inspection

Design for Fine-Pitch Worm Gearing (B6.9—1950), $1.50
Fine-Pitch Straight Bevel Gears (B6.8—1950), $1.00
Gear Nomenclature (B6.10—1950), $1.50
Inspection of Fine-Pitch Gears (B6.11—1951), $2.50
Gear Tolerances and Inspection (B6.6—1946), $0.80
Letter Symbols for Gear Engineering (B6.5—1949), $0.50
Spur Gear Tooth Form (B6.1—1932), $0.55
20-Degree Involute Fine-Pitch System for Spur and Helical Gears (B6.7—1950), $1.50

Piping, Pipe Fittings, and Threads

Air Gaps and Backflow Preventers in Plumbing Systems (A40.4—1942 and A40.6—1943), $0.55
Brass Fittings for Flared Copper Tubes (A40.2—1936), $0.50
Brass or Bronze Flanges and Flanged Fittings for 150 and 300 Lb (B16.24—1953), $1.00
Brass or Bronze Screwed Fittings for 125 Lb (B16.15—1952), $0.65
Brass or Bronze Screwed Fittings for 250 Lb (B16.17—1949), $0.50
Cast-Brass Solder-Joint Fittings (B16.18—1950), $0.75
Cast-Brass Solder-Joint Drainage Fittings (B16.23—1953), $1.00
Cast-Iron Pipe Flanges and Flanged Fittings for 25 Lb Maximum Saturated Steam Pressure (B16b2—1952), $0.50
Cast-Iron Pipe Flanges and Flanged Fittings Class 125 (B16.1—1948), $0.65
Cast-Iron Pipe Flanges and Flanged Fittings Class 250 (B16b—1944), $0.55
Cast-Iron Pipe Flanges and Flanged Fittings for Refrigerant Piping, Class 300 (B16.16—1952), $0.50

Cast-Iron Pipe Flanges and Flanged Fittings for 800 Lb Maximum Hydraulic Pressure (B16b1—1952), $0.50
Cast-Iron Soil Pipe and Fittings (A40.1—1935), $0.80
Cast-Iron Screwed Fittings for 125 and 250 Lb Maximum Saturated Steam Pressure (B16.4—1949), $0.60
Cast-Iron Screwed Drainage Fittings (B16.12—1953), $1.00
Face-to-Face Dimensions of Ferrous Flanged and Welding End Valves (B16.10—1947), $0.65
Ferrous Plugs, Bushings, Lock Nuts, With Pipe Threads (B16.14—1949), $0.50
Malleable-Iron Screwed Fittings, 150 Lb (B16.3—1951), $1.00
Malleable-Iron Screwed Fittings, 300 Lb (B16.19—1951), $0.75
Nonmetallic Gaskets for Pipe Flanges (B16.21—1951), $1.00
Pipe Threads (B2.1—1945), $1.50
Ring-Joint Gaskets and Grooves for Steel Pipe Flanges (B16.20—1952) $1.00
Scheme for the Identification of Piping Systems (A13—1947), $0.60
Steel Pipe Flanges and Flanged Fittings for 150, 300, 400, 600, 900, 1500, and 2500 Lb Including References to Valves (B16.5—1953), $3.00
Stainless Steel Pipe (B36.19—1952), $1.00
Steel Butt-Welding Fittings (B16.9—1951), $0.75
Steel-Socket Welding Fittings (B16.11—1952), $0.60
Threaded Cast-Iron Pipe for Drainage, Vent, and Waste Services (A40.5—1943), $0.50
Wrought-Copper and Wrought-Bronze Solder-Joint Fittings (B16.22—1951), $0.75
Wrought-Iron and Wrought-Steel Pipe (B36.10—1950), $0.65

Letter and Graphical Symbols and Charts

Abbreviations for Scientific and Engineering Terms (Z10.1—1941), $0.50
Abbreviations for Use on Drawings (Z32.13—1950), $1.00
Drawings and Drafting-Room Practice (Z14.1—1946), $1.50
Engineering and Scientific Charts for Lantern Slides (Z15.1—1947), $0.60
Engineering and Scientific Graphs for Publications (Z15.3—1947), $0.90
Time Series Charts (Z15.2—1947), $1.50
Graphical Symbols for Welding and Instructions for Their Use (Z32.2.1—1949), $0.50
Graphical Symbols for Plumbing (Z32.2.2—1949), $0.50
Graphical Symbols for Pipe Fittings, Valves, and Piping (Z32.2.3—1949), $0.50
Graphical Symbols for Heating, Ventilating, and Air Conditioning (Z32.2.4—1949), $0.50
Graphical Symbols for Railway Use (Z32.2.5—1950), $0.75
Graphical Symbols for Heat—Power Apparatus (Z32.2.6—1950), $0.50
Letter Symbols for Hydraulics (Z10.2—1942), $0.50
Letter Symbols for Mechanics of Solid Bodies (Z10.3—1948), $0.50
Letter Symbols for Heat and Thermodynamics (Z10.4—1943), $0.65
Letter Symbols for Physics (Z10.6—1948), $1.00
Letter Symbols for Aeronautical Sciences (Z10.7—1950), $1.25
Letter Symbols for Structural Analysis (Z10.8—1949), $0.50
Letter Symbols for Radio (Y10.9—1953), $1.00
Letter Symbols for Meteorology (Y10.10—1953), $1.00

Standards—Miscellany

Indicating Pressure and Vacuum Gages (B40.1—1947), $0.50
Preferred Thickness for Uncoated Thin Flat Metals (Under 0.250 In.) (B32.1—1952), $1.00
Preferred Standards for Large 3600-RPM 3-Phase 60-Cycle Condensing Steam Turbine Generators and Standard Specification Data for the Generators (1950), $0.60
Operation and Flow Process Charts (1947), $0.75
Shaft Couplings (B49—1947), $0.50
Lock Washers (B27.1—1950), $0.75
Plain Washers (B27.2—1953), $1.00
Surface Roughness, Waviness, and Lay (B46.1—1947), $0.50
Physical Specimens of Surface Roughness and Lay (B46.2—1952), $1.00
Self-Appraisal Form For Use of Industrial Plants (1947), $0.75
Plant Layout Templates and Models (1949), $0.50

Small Tools and Machine-Tool Elements

Machine Tapers (B5.10—1953), $1.00
Milling Cutters (B5.3—1950), $2.25
Nomenclature for Milling Cutter Teeth (B5c1—1947), $0.70
Reamers (B5.14—1949), $1.00
Taps—Cut and Ground Threads (B5.4—1948), $1.50
Drill Drivers (B5.27—1951), $0.50
Accuracy of Engine and Tool Room Lathes (B5.16—1952), $1.00
Adjustable Adapters (B5.11—1937), $0.60
Chucks and Chuck Jaws (B5.8—1936), $0.55
Circular and Dovetailed Forming Tool Blanks and Holding Elements (B5.7—1948), $0.75
Involute Serrations (B5.26—1950), $1.00
Involute Splines (B5.15—1950), $2.00
Involute Spline and Serration Gages and Gaging (B5.31—1953), $1.25
Jig Bushings (B5.6—1949), $0.50
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Life Tests of Single-Point Tools (B5.19—1946), $0.55
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Markings for Grinding Wheels (B5.17—1949), $0.50
Mounting Dimensions of Lubricating and Coolant Pumps for Machine Tools (B5.28—1952), $1.00
Punch and Die Sets for Two-Post, Punch Press Tools (B5.25—1950), $0.75
Rotating Air Cylinders and Adapters (B5.5—1949), $0.50
Single-Point Cutting Tools and Tool Posts (B5.22—1950), $1.25
Spindle Noses and Arbors for Milling Machines (B5.18—1953), $1.00
Spindle Noses for Toolroom Lathes (B5.9—1948), $0.85
Straight Cut-Off Blades for Lathes and Screw Machines (B5.21—1949), $0.50
T-Slots, Their Bolts, Nuts, Tongues, and Cutters (B5.1—1949), $0.50
Twist Drills (B5.12—1950), $0.75
Code for Design of Transmission Shafting (B17c—1947), $0.90
Woodruff Keys, Keyslots, and Cutters (B17f—1947), $0.50

Screw Threads and Threading Tools

Acme Screw Threads (B1.5—1952), $2.25
Stub Acme Screw Threads (B1.8—1952), $1.25
Fire Hose Coupling Screw Thread (B26—1947), $0.50
Hose Coupling Screw Threads (B33.1—1947), $0.50
Unified and American Screw Threads, 3rd Edition (B1.1—1949), $3.00
Nomenclature, Definitions and Letter Symbols for Screw Threads (B1.7—1949), $0.50
Screw Thread Gages and Gaging (B1.2—1951), $4.00
Screw Threads for High-Strength Bolting (B1.4—1945), $0.50
Limits and Fits in Engineering and Manufacturing (B4.1—1947), $0.50

BOILER CONSTRUCTION CODE

1952 Editions
- Power Boiler Code, $3.00
- Boilers of Locomotives, $1.25
- Low-Pressure Heating Boiler Code, $1.25
- Miniature Boiler Code, $1.00
- Unfired Pressure Vessel Code, $4.50
- Welding Qualifications, $1.00

1949 Editions
- Material Specifications with 1950–1951 Addenda, $7.00
- Suggested Rules for Care of Power Boilers, $1.25

Boiler Code Interpretation Service, $5.00 Annually
1951 Edition API-ASME Unfired Pressure Vessel Code, $3.00

POWER TEST CODES AND AUXILIARY SECTIONS

Test Codes for

Centrifugal, Mixed-Flow and Axial-Flow Compressors and Exhausters (1949), $1.50
Coal Pulverizers (1944), $0.85
Dust Separating Apparatus (1941), $0.90
Evaporating Apparatus (1941), $0.60
Fans (1945), $1.00
Gaseous Fuels (1944), $0.90
Gas Producers (1928), $0.65
Gas Turbine Power Plants (1953), $1.50
Hydraulic Prime Movers (1949), $0.85
Index Method of Testing (Supplement to the Test Code for Hydraulic Prime Movers (1953), $0.25
Internal-Combustion Engines (1949), $1.50
Reciprocating Steam-Driven Displacement Pumps (1949), $0.80
Reciprocating Steam Engines (1949), $0.80
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A

ALTORFER, H. A.
Remote-control electric-valve operation for crude and products lines. Paper No. 52—PET-24.

ASME, IIR DIVISION, TERMINOLOGY COMMITTEE
Automatic-control terminology. Paper No. 52—SA-29.

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A standard of procedure for evaluating the tool life of single-point sintered-carbide tools. Paper No. 52—A-39.

AMES, B. N., DONNER, S. B., AND KAHN, N. A.
The shell-molding process—its mechanics and applications.

ATHERTON, GEORGE H. AND CORDER, S. E.
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B

BAILEY, NEIL P.
Energy flow and conversion. Paper No. 52—A-54.

BAKER, DONALD R. AND MART, L. T.
Cooling tower characteristics as determined by the unit-volume coefficient. Paper No. 52—SA-59.

BALLMAN, H. C.
Proper design-installation-application of coal-burning equipment for boilers (25–500 Hp) to prevent smoke and air pollution. Paper No. 52—SA-44.

BARRY, CHARLES B.
Packaged gasoline plant. Paper No. 52—PET-30.

BEILER, ALBERT H. AND GEUE, JOHN E.
Training power-plant employees on the American gas and electric system. Paper No. 52—SA-45.

BENNETT, ROBERT W.
An evaluation of the properties of weld metal for fabrication heat exchangers and vessels for low-temperature service. Paper No. 52—A-146.

BIRN, SERGE A.
Stretching engineering skill with predetermined time standards. Paper No. 52—SA-60.

BIXBY, A. M.
Developments in rubber draft gears. Paper No. 52—SA-56.

BORN, HAROLD J.
Direct-fired heaters in natural gasoline plants. Paper No. 52—PET-11.

BOSTON, O. W.
Definitions, functions, types, and designations of cutting fluids. Paper No. 52—SA-13.

BOUTWELL, J. F.
Reda pumping of wells. Paper No. 52—PET-32.

BOYD, J., EKLUND, P. R., AND MAHNCKE, H. E.
Some corrosion problems with a high lead Babbitt-bearing alloy.

BRANDT, ALLEN D.
Recent developments and progress in air-pollution abatement. Paper No. 52—A-70.

BRELL, CARL D.
The development of transatlantic air freight in relation to air logistics. Paper No. 52—A-122.

BRIMLEY, DONALD E.
A new method of performance analysis of air-cycle cooling of a high-speed airplane. Paper No. 52—S-5.

BROCK, PAUL
Design of servo gear trains to minimize reflected inertia. Paper No. 52—A-48.

BROOKS, ROBERT C.
Mechanical development of a new nonlubricated lift-plug valve. Paper No. 52—PET-13.

BROWN, N. C.
From hand-made to mass-produced wood furniture. Paper No. 52—F-30.

BUCKLAND, B. O., GARDINER, C. M., AND SANDERS, D. G.
Residual fuel-oil ash corrosion. Paper No. 52—A-161.

C

CAMERON, D. G.
Analysis of material movement with travel charts.

CAMPBELL, J.
Investment costs—industrial power plants. Paper No. 52—A-109.

CANTIERI, W. F.
Recent developments in the use of pellets for the removal of slag deposits in boiler furnaces. Paper No. 52—A-163.

CARROLL, A. L.
Field tests of oil and gas residential space heating. Paper No. 52—SA-21.

CARTER, R. M.
Crude-oil working tanks: design, construction, operation, and maintenance considerations. Paper No. 52—PET-6.

CONNELL, C. B.
The latest developments in and application of industrial gear drives.

COTTRELL, ROBERT B.
A method for determining stresses and vibration data in brake beams under actual operating conditions. Paper No. 52—A-11.

D

DANZIGER, WILFRED J. AND SUNDHOLM, OLAF A.
Protection of heat-exchanger channels and covers from corrosion by salt water. Paper No. 52—A-145.

DE BOER, D. SJ.
Air-cargo development in Europe. Paper No. 52—A-118.

DEGNAN, WILLIAM J. AND SKELLY, JOSEPH F.
Orthoflow fluid catalytic-cracking units—their design and operation. Paper No. 52—PET-25.

DELIO, GENE J.
Recording dynamic characteristics of turbojet engines.

DEL MAR, B. AND STUMPF, H.
Use of honeycomb-panel construction in military lightweight trailers. Paper No. 52—S-7.

DE LORENZI, OTTO
Influence of low-quality coal on design and operation of pulverized-coal-fired units. Paper No. 52—F-48.
Turbulent suspension burning of wet wood, bark, and other fuels. Paper No. 52—A-104.

DOUGLASS, R. W.
Air transportability with "Troop Carrier." Paper No. 52—A-117.

DRAKE, G. FORREST
The development of gas-turbine controls. Paper No. 52—F-23.

DRAKE, W. V. AND MYCOFF, R. A.
Special features at Milesburg Power Station. Paper No. 52—SA-63.

DRAPER, P.
The use of residual fuel oils in gas turbines. Paper No. 52—A-127.

DURBON, WILLIAM K.
Developments in cushioned underframes. Paper No. 52—SA-66.

E

ELMINDORF, ARMIN
Furniture core panels of wood waste. Paper No. 52—F-44.

EMBREE, JOHN M. AND HIGGINS, STEPHEN P.
A systematic design approach using block-diagram analysis. Paper No. 52—SA-23.

ENDEAN, HOWARD J. AND LAIRD, W. M.
An investigation of the bit forces in rotary drilling and their measurement with a bottom-hole weight indicator. Paper No. 52—PET-21.

ENGEL, F. C.
Fuel-spray examination methods. Paper No. 52—A-139.

ENGELBERGER, J. F. AND KRETSCH, H. W.
The application of temperature control to turbojet engines. Paper No. 52—F-38.

F

FAULDERS, CHARLES R.
An interferometric investigation of the flow through a cascade of turbine nozzle blades. Paper No. 52—SA-36.

FEARNSIDE, T. A. AND CHENEY, F. C.
Industrial power-plant construction costs since World War II. Paper No. 52—A-108.

FONG, JAMES T.
Optimum design for surface condensers for steam power plants. Paper No. 52—F-39.

FOSS, OLIVER AND GUIDON, MICHAEL
The function of a bootstrap G.T. unit in university work. Paper No. 52—S-8.

FOX, E. D.
Ammonium sulphate from refinery waste. Paper No. 52—PET-3.

FREUND, C. J.
The professional man and his lay patron. Paper No. 52—A-71.

FRITZSCHE, R. W.
Continuous viscosimetry. Paper No. 52—SA-67.

G

GIBNEY, JAMES J.
Large steam-turbine-generator lubricating systems. Paper No. 52—A-152.

GOSS, ALEXANDER E. AND ROSS, ARTHUR M., JR.
The effective control of lead dust in the manufacture of vinyl plastics. Paper No. 52—A-159.

GOWDY, G. H. AND APPLEBAUM, S. B.
Conversion of a two-stage hot-process water softener from hot-lime soda phosphate to hot-lime zeolite. Paper No. 52—A-96.

GRABOWSKY, IAN H.
Air cargo unlimited. Paper No. 52—A-119.

GRACE, THOMAS L.
Air transportability capabilities of the commercial airfreight carrier. Paper No. 52—A-164.

GRIMBLE, R. E. AND FAWCETT, S. L.
Heat-transfer measurements by the method of cyclic temperature variations. Paper No. 52—A-68.

GRUBER, C. W.
Design-installation-application fuel-burning equipment for 25–500 Hp range, to prevent air pollution. Paper No. 52—SA-22.

H

HAHN, PHILIP A.
The Civil Aeronautics Administration's interest in air-cargo terminal requirements. Paper No. 52—A-158.

HEMBREE, F. E.
Air-cargo terminal requirements. Paper No. 52—A-134.

HIEBELER, HARRY G.
The outdoor power station in South Texas. Paper No. 52—F-50.

HILL, I. E.
Hydraulic barking. Paper No. 52—S-15.

HOLTZ, HENRY G. AND WILLIAMS, FRANK S. G.
Heat-exchanger forgings for low-temperature service. Paper No. 52—A-148.

HOOPER, F. C. AND JUHASZ, I. S.
Direct graphical evaluation of radiation form factor. Paper No. 52—F-19.

HORMELL, D. C.
Design for extreme flood conditions at the Paddy's Run Station. Paper No. 52—SA-61.

HOYT, HAROLD R.
Instrument application in the product pipe-line industry. Paper No. 52—PET-5.

HUNT, G. M.
A century of engineering in wood preservation. Paper No. 52—F-22.

I

IHRIG, HARRY K. AND JARMAN, JOHN T.
The importance of carbon in ferrous metals for engineers. Paper No. 52—A-81.

J

JACKLIN, C.
Experimental studies of boiler-tube metal temperatures: effect of heat-transfer rate and deposit thickness. Paper No. 52—A-30.

JANSSEN, EARL
Pressures required for thin press forgings. Paper No. 52—S-6.

JASPER, N. H.
Critical whirling speeds of shafts-disk systems. Paper No. 52—F-33.

JENNINGS, LAWRENCE D.
Metals-joining in the transformer industry. Paper No. 52—A-83.

JOHNSON, J. A. AND EUSTIS, R. H.
The development of a vaporizing oil burner. Paper No. 52—A-171.

JONES, F. W.
Air-cargo terminal requirements: combination passenger-air-freighter operator's viewpoint. Paper No. 52—A-133.

K

KEEN, J. R.
Machine-tool lubrication. Paper No. 52—SA-31.

KERR, CHARLES, PUTZ, T. J., AND WEYBREW, T. L.
Operating record of the Westinghouse-Baldwin gas-turbine locomotive. Paper No. 52—A-153.

KIRK, DAVID B.
Introduction to principles of pneumatic gaging. Paper No. 52—A-113.

KLEIN, E. O. P., TOULOUKIAN, Y. S., AND EATON, J. R.
Limits of accuracy of electrical analog circuits used in the solution of transient heat-conduction problems. Paper No. 52—A-65.

KOCH, PETER
Some technical aspects of trimming lumber in the planing mill. Paper No. 52—S-14.

KOENIG, C. F., 3rd
The centrifugal pipe-line compressor comes of age. Paper No. 52—PET-9.

KUHASZ, C. J.
Improved methods for fireproofing structures. Paper No. 52—PET-31.

KUHASZ, C. J. AND SHUMAN, E. C.
New procedures in industrial thermal-insulation application. Paper No. 52—PET-28.

L

LETWIN, SAMUEL
Industrial types oil and gas-fired combustion chambers. Paper No. 52—A-128.

LI, Y. T.
Direct-reading indicated power meter. Paper No. 52—F-17.

LIVINGSTON, R. T. AND HERTZ, D. B.
Decision theory. Paper No. 52—A-106.

M

MCBRIAN, RAY
Diesel lubricated oil performance as related to the electron microscope. Paper No. 52—A-40.

MCMILLAN, BROCKWAY
The modern theory of communication. Paper No. 52—A-129.

MALLORY, B. C. AND ARGUE, F. W.
Broom closets or the effect of maintenance upon design of steam power plants. Paper No. 52—S-12.

MAYNARD, HAROLD B.
Management training for the development of leadership.

MECKLIN, R. W., WHITE, L. A., AND BUXTON, W. J.
Maintenance of refining units during operation. Paper No. 52—PET-1.

MILLER, CARL E.
Preventing air pollution from coal-fired steam generators. Paper No. 52—SA-68.

MOHAUPT, A. A. AND HEEBINK, B. G.
Effect of defects on strength of aircraft-type sandwich panels. Paper No. 52—A-99.

MONTENERO, R. O.
Crankcase explosions can be contained. Paper No. 52—A-136.

MOODY, A. M. G. AND CLAITOR, L. C.
Turbo-expanders for low-temperature refrigeration. Paper No. 52—A-114.

MOREY, A. H. AND FAHLAND, F.
Gas-turbine electric locomotives on the Union Pacific railroad. Paper No. 52—A-56.

MORRISON, RICHARD B.
A study of detonative phenomena in gaseous mixtures by the use of shock-tube techniques. Paper No. 52—SA-20.

MOSSHART, D. J.
Present-day thoughts on the application of single underfeed stokers. Paper No. 52—A-103.

MURPHY, W. A.
Effect of impact on freight-operation loss and damage. Paper No. 52—SA-26.

MYLANDER, HARVEY A.
Improvement of well yield by the use of vibratory explosives.

N

NEWTON, GEORGE H.
Development in design of steam-turbine-generator lubrication and control-oil systems. Paper No. 52—A-135.

NICOSON, F. E.
Selecting and training personnel for centralized-control power station. Paper No. 52—SA-48.

NORDHOFF, W. A.
The role of the estimator in industry. Paper No. 52—S-16.

NORLING, B. S.
Industrial experience in fly-ash collection. Paper No. 52—A-69.

O

OLSEN, N. T.
Developments in metallic-friction draft gears. Paper No. 52—SA-27.

OLSON, H. O.
The air-cargo terminal. Paper No. 52—A-116.

ONO, GEORGE Y.
Pressure angles in cam roller followers. Paper No. 52—SA-33.

P

PAPP, M. W.
Appearance comes in three shades. Paper No. 52—A-47.

PIGOTT, R. J. S.
New developments in cutting metal. Paper No. 52—SA-55.

POTTER, J. H. AND TAO, L. N.
Joule-Thomson coefficients for air at one atmosphere. Paper No. 52—SA-9.

PRINCE, DAVID C.
Performance of a cascade designed for prescribed loading. Paper No. 52—SA-40.

PUGH, JOHN J., HAMILTON, RAY L., AND FINNIE, RICHARD
Design and construction of Pacific Gas and Electric Company's 34-inch gas line. Paper No. 52—S-22.

PURCELL, DANIEL N. AND BURGESS, VINCENT B.
Operating experiences with 12500 Pm demineralizer water-treatment plant. Paper No. 52—F-47.

R

REMMERT, H. A., SKINNER, L. C., AND DONOVAN, J. T.
Coal and coal-paste preparation and transfer problems for hydrogenation service. Paper No. 52—F-26.

RENOUF, RALPH R.
Sucker-rod pumps—mechanical aspects. Paper No. 52—PET-16.

RICE, R. J.
Possible applications of ductile iron in the petroleum industry. Paper No. 52—PET-27.

RITCHIE, JOHN D.
Hardboard-faced fir plywood: production and specifications. Paper No. 52—S-11.

ROBERTS, D. L.
Technical and commercial factors relating to trans-mountain oil pipe line. Paper No. 52—S-19.

ROBERTSON, W. S.
New developments in the use of synthetic resins in furniture finishing.

ROBINSON, C. S.
Economical industrial power-plant design. Paper No. 52—A-107.

ROBINSON, S. T.
The closed-cycle gas-turbine power plant. Paper No. 52—A-137.

ROEHM, J. M.
Dynamic testing of freight cars. Paper No. 52—SA-41.

S

SANDAKER, J. H., DRESSLER, R. G., AND MARKOVITS, J. A.
Recent developments and results at the gas-synthesis demonstration plant, Louisiana, Mo. Paper No. 52—F-27.

SANFORD, ALBERT C.
Gaging and sorting electronically. Paper No. 52—A-111.

SCHIERLAND, R. F.
Material-handling facilities at Walter C. Beckjord Station. Paper No. 52—SA-62.

SCHLEGEL, R. A. AND MURPHY, E. A.
Centralized instrumentation.

SCHOENFELD, CHARLES W.
American oil-well cementing practice. Paper No. 52—PET-18.

SCHRIEBER, A. N.
A method of scheduling for a ship-construction program.

SCHROEDER, WILLIAM
Pressures required for thin press forgings. Paper No. 52—S-4.

SEED, KENNETH W.
Mechanical features of the cycloversion process. Paper No. 52—PET-4.

SELINDH, HERBERT S.
Tooling for refinery maintenance. Paper No. 52—PET-33.

SENNSTROM, H. R.
Diesel maintenance control by spectrographic means. Paper No. 52—A-61.

SERRILL, JOSEPH L.
Infra-red carbon-monoxide gas analyzer, a tool for afterburning prevention. Paper No. 52—SA-69.

SEYBOLT, ALAN U.
Metals and metal processing in the atomic-energy field.

SHALLENBERG, L. W., WHITE, J. O., AND SCHLACHTER, K. E.
Installation factors related to gas turbines in closed compartments. Paper No. 52—A-130.

SHERMAN, RALPH A., SAWYER, R. TOM, AND KEINATH, GERALD E.
The combustion of pulverized coal in a water-cooled radiant tube. Paper No. 52—A-123.

SHOUMATOFF, NICHOLAS
The hydrodynamic resistance of particles. Paper No. 52—SA-42.

SKINNER, WICKLIFFE
Economic aspects of natural-gasoline production on the lease. Paper No. 52—PET-17.

SMITH, HARRY G., DOSTER, HOWARD G., AND KRUSE, ALBERT A., JR.
Synthetic rubber-sealed bi-way gate valve. Paper No. 52—PET-34.

SMITH, JOSEPH
Air transportability with MATS. Paper No. 52—A-154.

SONNENSCHEIN, C. L. AND WALLACE, W. P.
Report of an investigation of the strain-hardening effect upon subsequent levels due to metal cutting. Paper No. 52—SA-25.

SORENSEN, H. A.
Burning sulphite waste liquor. Paper No. 52—S-21.

SPRING, E. K.
Development of materials for wood-cutting tools. Paper No. 52—F-25.

STEIDEL, R. F.
The effect of vibration on the design of suspensions for overhead transmission lines.

STEINKE, D. F.
Training of operating personnel for power plants with centralized control. Paper No. 52—SA-46.

STEWART, HARRY L.
Multiple pressures in a single hydraulic circuit. Paper No. 52—A-46.

STIEHLER, R. D.
Measurement of treadwear of commercial tires.

STONE, C. S.
Design factors in the development of a small high-heat-release combustor. Paper No. 52—SA-52.

STONE, V. L.
Personnel training—Ridgeland station.

STONE, W. F.
Off-site facilities of an oil-shale industry. Paper No. 52—PET-20

SULLIVEN, THOMAS M.
Air cargo terminal requirements—The airport-operator's viewpoint. Paper No. 52—A-165.

SUNDE, GUNNAR AND SUNDHOLM, OLAF A.
Tests on fabricated spherically dished floating cover for heat exchanger. Paper No. 52—A-147.

T

TATE, B. E.
Properties of coal—their influence on performance of coal-burning apparatus. Paper No. 52—SA-54.

TAYLOR, J. I.
The fleet logistic air wings. Paper No. 52—A-115.

TEXTER, H. G.
Various methods of high-pressure-testing oil-country tubular material. Paper No. 52—PET-15.

THOEN, J. O.
On-stream maintenance, what and how. Paper No. 52—PET-26.

TUTT, CHARLES L.
The fifth-year program and its effect upon the professional development of young engineers. Paper No. 52—A-132.

V

VAN FOSSAN, NEAL E.
Subsurface storage of liquid hydrocarbons. Paper No. 52—PET-19.

VARNUM, EDWARD C.
Nomograms as tools to facilitate the solution of engineering formulas. Paper No. 52—SA-32.

VOGRIN, C. M., WILLIAMS, FRANK S. G., AND WORTH, JOHN S.
Modern steel bolting for piping and pressure vessels. Paper No. 52—PET-7.

W

WEBB, E. C.
"The manufacturer's viewpoint" on preventing smoke and air pollution by coal-fired boiler plants. Paper No. 52—SA-70.

WEBB, E. C. AND ATCHINSON, J. E.
Application and performance of single-retort underfeed stokers. Paper No. 52—A-67.

WEBB, JERVIS C.
Improved materials handling will bring greater safety to your industry. Paper No. 52—A-155.

WENZEL, ALFRED C.
Boiler controls for multiple-fuel firing in modern steam-generator installations. Paper No. 52—F-49.

WESTON, E. H.
A method of establishing and comparing tonnage ratings of diesel locomotives. Paper No. 52—SA-28.

WILLIAMS, CHARLES W.
Electronic dimensional gaging. Paper No. 52—A-98.

WILLIAMSON, J. D.
Training an operating group for a second generating station. Paper No. 52—SA-47.

WILLIAMSON, T. D., JR.
Pipe-line-scraper development. Paper No. 52—PET-8.

WILMETH, THOMAS S.
Communications—the key to better interbuilding materials handling.

WILTRAKIS, JOSEPH E.
Material-handling factors affecting space utilization. Paper No. 52—F-51.

WOODS, CHAS. F.
Some practical considerations regarding pipe-line control-valve design. Paper No. 52—PET-14.

WOODS, H. B.
Recent developments in drill bits and drilling methods. Paper No. 52—PET-23.

WOODS, P. H.
Building large dragline excavators. Paper No. 52—A-112.

WORLEY, ROBERT W. AND BENTSON, HAROLD J.
Steel-works power plants. Paper No. 52—F-46.

Index to ASME Transactions

Volume 75, 1953

The ASME Transactions for 1953 was issued in January, February, April, May, July, August, October, and November, 1953.

The Society Records for the year 1952 appeared as supplements, one in February, 1953, and the index section in January, 1953. The page numbers for these supplements are designated by the symbol SR, and the February supplement contains its own index.

(AC) denotes author's closure; (BR) book review; (D) discussion of a paper.

Issue	Page Numbers
January	1– 120
February	121– 300
April	301– 472
May	473– 710
July	711– 974
August	975–1198
October	1199–1406
November	1407–1542

A

ACOUSTICS. *See also* VIBRATION
Lubrication of gyroscopes ... 1147

AERODYNAMICS. *See* FLOW OF FLUIDS

AIR HEATERS
Air-preheater design as affected by fuel characteristics ... 711
Rotary regenerative air preheater for gas turbines ... 767
Tubular air-heater problems ... 723

AIRPLANE ENGINES. *See also* GAS TURBINES
Gas-turbine development (progress report)—Aviation ... 217
Some NACA research on centrifugal compressors ... 805

AIRPLANE MANUFACTURE
Requirements for large light-metal forgings and extrusions in the aircraft industry ... 1483

ALFORD, J. S.
Fast thermocouples as control-system elements sensing exhaust-gas temperatures in aircraft gas turbines ... 7

ALLEN, J. M.
Investigation of the burning characteristics of pulverized cinders ... 1333

ALLOYS
Contamination of condensate by heat-exchanger-tube alloys ... 729
Laboratory investigation of superheater-tubing materials in contact with synthetic combustion atmospheres at 1350 F ... 1015
Resistance of cast Fe-Cr-Ni alloys to corrosion in oxidizing and reducing flue-gas atmospheres ... 1021

AUSWORTH, C. C.
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery (D) ... 799

ALUMINUM
Effect of stress amplitude on statistical variability in fatigue life of 75S-T6 aluminum alloy ... 867
Metallurgy and production of suitable aluminum-alloy ingots for large forgings and extrusions ... 1513

ANALOGY. *See* ELECTRIC ANALOGY, HYDRAULIC ANALOGY

ANALYSIS. *See* GAS ANALYSIS

ANDERSON, B. R.
Clearancometer for determining blade-tip clearances of axial-flow compressors (D) ... 5

ANGUS, R. W.
Pressure surges at large pump installations (D) ... 1004

ANSEL, G.
Large-forging-press operations and production problems (D) ... 1539
Metallurgy and production of suitable aluminum-alloy ingots for large forgings and extrusions (D) ... 1536

ARONSON, DAVID
Effect of rotary regenerator performance on gas-turbine-plant performance (D) ... 764
Rotary regenerative air preheater for gas turbines (D) ... 776

AUTOMATIC CONTROL. *See also* GOVERNORS
Approaching the control problem of the automatic chemical or petroleum plant ... 1373
Optimum three-mode controller settings for automatic start-up ... 843
Theoretical consideration of retarded control ... 827

AXLES
Method of obtaining shear stress–strain graphs by interpretation of moment-twist data ... 521

B

BACKER, W. R.
Shear-angle relationship in metal cutting (D) ... 283

BAILEY, E. C.
Controlled internal-contour shielded-root welds without backing rings (D) ... 1110
Operating experiences with mechanical joints in high-pressure high-temperature steam piping ... 97

BARKLEY, J. F.
Air-preheater design as affected by fuel characteristics (D) ... 718

BATDORF, S. B.
On the validity of assumptions made in theories of plastic flow for metals (D) ... 1186

BEARING METALS
Investigation of cemented tungsten carbide as bearing material ... 1203

BEARINGS
Contribution to the theory of oil whip ... 1153
Experiments with water-lubricated tapered-land thrust bearings ... 1137
Oil whip of flexible rotors ... 1339
On the solution of the Reynolds equation for slider-bearing lubrication.
II. The viscosity a function of the pressure ... 269
III. Effect of transverse curvature ... 507
IV. Effect of temperature on the viscosity ... 1117
V. The sector thrust bearing ... 1125
VI. The parallel-surface slider bearing without side leakage ... 1133

BEATTY, J. R.
Stress relaxation in compression of rubber and synthetic-rubber vulcanizates immersed in oil ... 605

BEEDE, W. L.
Some investigations with wet compression ... 409

BEHRENS, H. F.
Controlled internal-contour shielded-root welds without backing rings (D) ... 1111

BENDIXEN, IVAR
Vibrations in knee-type horizontal milling machines ... 567

BENZ, W. G., JR.
Controlled internal-contour shielded-root welds without backing rings ... 1103

BERG, CLYDE
Engineering features of the Union oil-shale retort ... 453
Low-temperature insulation for refinery service (D) ... 464

BERRIAN, K. J.
Experimental evaluation of expansion factors for steam (D) ... 959

BICE, G. W.
Pressure operation of large pulverized-coal-fired boilers on the American Gas and Electric System ... 535

BILD, C. F.
Simple high-speed air spinner for centrifugal testing of small mechanical devices ... 515

BLACKBURN, J. F.
Contributions to hydraulic control
3 Pressure-flow relationships for 4-way valves ... 1163
4 Notes on the hydraulic Wheatstone bridge ... 1171
5 Lateral forces on hydraulic pistons ... 1175

BLACKSHEAR, P. L., JR.
NACA sonic-flow-orifice temperature probe in high-gas-temperature measurement ... 51

BLADES. *See* COMPRESSORS, GAS TURBINES

BLOK, H.
On the solution of the Reynolds equation for slider-bearing lubrication
II. The viscosity a function of the pressure (D) ... 271
IV. Effect of temperature on the viscosity (D) ... 1121

BLUMBERG, H. S.
Controlled internal-contour shielded-root welds without backing rings ... 1103

BOILER FURNACES. *See also* COMBUSTION
Furnace heat absorption in a spreader-stoker-fired steam generator
1 Furnace heat-absorption efficiency as shown by enthalpy of gases leaving the furnace ... 909
2 Variation in furnace heat absorption as shown by measurement of temperature of exposed side of furnace tubes ... 925

BOILER PLANTS. *See also* DUST COLLECTORS
Investigation of gravity reinjection of fly ash on a spreader-stoker-fired boiler unit ... 1363

BOILER TESTS
Quick-starting of large high-pressure high-temperature boilers ... 1407

BOILERS
European practice with Sulzer monotube steam generators ... 1345
Pressure operation of large pulverized-coal-fired boilers on the American Gas and Electric System ... 535
Quick-starting of high-temperature high-pressure boilers ... 1468
Quick-starting of large high-pressure high-temperature boilers ... 1407

BOLTED JOINTS. *See* PIPE JOINTS

BOLTON, J. W.
Comparisons at elevated temperatures of some commercial grades of ferritic cast steels ... 289

BOND, R. W.
Contributions to hydraulic control
3 Pressure-flow relationships for 4-way valves (D) ... 1169

BOSTON, O. W.
Power required by carbide-tipped face-milling cutters ... 1087
Relative abrasiveness of the cast surfaces of various gray-iron castings on single-point tools of high-speed steel ... 103

BOVET, G. A.
Modern trends in hydraulic-turbine design in Europe ... 975

BOWDEN, A. T.
Rotary regenerative air preheater for gas turbines ... 767

BOWEN, W. S.
Some investigations with wet compression (D) ... 418

BOWER, J. L.
Dynamic operation of a force-compensated hydraulic throttling valve ... 1395

BOWERMAN, R. D.
Pressure distributions on the blade of an axial-flow propeller pump ... 1007

BRAKEL, L. H.
Mechanical design in oil-shale retorting plants ... 441

BRAUN, V. F.
Heavy-press symposium (D) ... 1540

BREWSTER, O. C.
Simple high-speed air spinner for centrifugal testing of small mechanical devices (D) ... 518

BROADLEY, P. R.
Gas-turbine progress report—Railroad ... 161

BROPHY, J. E.
Lubrication of gyroscopes ... 1147

BROWNE, K. A.
Gas-turbine progress report—Railroad ... 161

BRUNOT, A. W.
Clearancemeter for determining blade-tip clearances of axial-flow compressors. 1

BRUSH, D. O.
Axial tension and bending interaction curves for members loaded inelastically. 63

BUCKLEY, F. D.
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor (D) ... 40

BULLOCK, R. O.
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery (D) ... 799

BULOW, C. L.
Contamination of condensate by heat-exchanger-tube alloys (D) ... 738

BUNDY, F. P.
Contribution to the theory of oil whip (D) ... 1158

BURNERS
Study of burner oscillations of the organ-pipe type ... 15

BURSTING TESTS
Rupture-disk design evaluation and bursting tests ... 355

C

CAMPBELL, M. E.
Analysis of the dynamics of hydraulic servomotors under inertia loads and the application to design (D) ... 1390

CANDEE, ALLAN H.
Motion of a link chain over a roller (D) ... 757

CARBIDES. *See* METAL CARBIDES

CARLSON, H. M.
Venturi as a meter for gas-solids mixtures (D) ... 950

CARLSON, I. H.
Operating experiences with mechanical joints in high-pressure high-temperature steam piping ... 97

CARMIEN, G. F.
Contribution to the theory of oil whip (D) ... 1159

CARROLL, H. C.
Investigation of gravity reinjection of fly ash on a spreader-stoker-fired boiler unit (D) ... 1370

CARROLL, PHIL
Wage incentives ... 671

CARTER, W. R.
Heavy-press symposium (D) ... 1541

CARY, JOHN R.
Determination of local forced-convection coefficients for spheres ... 483

CAST IRON
Relative abrasiveness of the cast surfaces of various gray-iron castings on single-point tools of high-speed steel ... 103

CAVITATION
Cavitation tests on hydrofoils in cascade ... 1257

CENTRIFUGAL MACHINES
Simple high-speed air spinner for centrifugal testing of small mechanical devices ... 515

CERAMICS. *See* HIGH-TEMPERATURE MATERIALS

CHAINS. *See* KINEMATICS

CHAMBERLAIN, H. H.
Fast thermocouples as control-system elements sensing exhaust-gas temperatures in aircraft gas turbines (D) ... 13

CHAO, B. T.
Deformation work absorbed by the work-piece during metal cutting (D) ... 600
Metal-cutting chatter and its elimination (D) ... 1078
Significance of the thermal number in metal machining ... 109

CHAO (*continued*)
Some observations on chip curl in the metal-cutting process under orthogonal cutting conditions (D) ... 587
Workpiece and surface temperatures in milling (D) ... 889

CHAPMAN, E. C.
Controlled internal-contour shielded-root welds without backing rings (D) ... 1111

CHARNES, A.
On the solution of the Reynolds equation for slider-bearing lubrication
II. The viscosity a function of the pressure ... 269
III. Effect of transverse curvature ... 507
IV. Effect of temperature on the viscosity ... 1117
V. The sector thrust bearing ... 1125
VI. The parallel-surface slider bearing without side leakage ... 1133

CHATTER. *See* META CUTTING

CHEMICAL INDUSTRIES
Approaching the control problem of the automatic chemical or petroleum plant ... 1373

CHIEN, K. L.
Deformation work absorbed by the work-piece during metal cutting (D) ... 601

CHILTON, E. G.
Measurement of pulsating flow with propeller and turbine-type meters (D) ... 966

CHINN, G. I.
Contributions to hydraulic control
5 Lateral forces on hydraulic pistons (D) ... 1180

CHIPS AND CHIP FORMATION. *See* METAL CUTTING

CHISHOLM, A. J.
Metal-cutting chatter and its elimination (D) ... 1079

CHU, YAOHAN
Analogies for hydraulic and electric drives in servomechanisms ... 851

CINDERS. *See* FUELS

CIRCLE DIAGRAMS. *See* GRAPHICAL METHODS

CLABAUGH, W. J.
Heat transfer to molten lead-bismuth eutectic in turbulent pipe flow ... 1191

CLARK, S. H.
Laminar-flow forced convection in rectangular tubes ... 859

COAL
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor ... 35
Operation of Sunbury Steam-Electric Station using pulverized-anthracite fuel ... 427

COAL GASIFICATION
Pulverized-coal gasification Ruhrgas processes ... 1095

COAL HANDLING
Operation of Sunbury Steam-Electric Station using pulverized-anthracite fuel ... 427

COAL HYDROGENATION
Corrosion and erosion in the synthetic-fuels demonstration plant ... 525

COHEN, G. H.
Theoretical consideration of retarded control ... 827

COHEN, S. M.
Clearancemeter for determining blade-tip clearances of axial-flow compressors (D) ... 5

COMBUSTION
Air-preheater design as affected by fuel characteristics ... 711
Combustion of a low-volatility fuel in a turbojet combustion chamber—effects of fuel vaporization ... 1303
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor ... 35
Energy basis for comparison of performance of combustion chambers ... 29
Flame velocities in carbon monoxide-oxygen mixtures ... 91
Furnace heat absorption in a spreader-stoker-fired steam generator
1 Furnace heat-absorption efficiency as shown by enthalpy of gases leaving the furnace ... 909
2 Variation in furnace heat absorption as shown by measurement of temperature of exposed side of furnace tubes ... 925
Investigation of flame temperatures in a single-cylinder spark-ignition engine ... 1311
Investigation of gravity reinjection of fly ash on a spreader-stoker-fired boiler unit ... 1363

COMBUSTION (*continued*)
Investigation of the burning characteristics of pulverized cinders ... 1333
Nondimensional correlation of flame propagation at subatmospheric pressures ... 43
Study of burner oscillations of the organ-pipe type ... 15
Temperature and gas-analysis surveys in the combustion zone of a gas-fired gas-turbine combustor ... 1233

COMPRESSORS
Clearancemeter for determining blade-tip clearances of axial-flow compressors. 1
Design and development of a broad-range, high-efficiency centrifugal compressor for a small gas-turbine-compressor unit ... 395
Full-scale fatigue testing of compressor cylinders ... 467
Gas-turbine progress report—Cycle components ... 137
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery ... 789
Some investigations with wet compression ... 409
Some NACA research on centrifugal compressors ... 805

COMPUTERS
Approaching the control problem of the automatic chemical or petroleum plant ... 1373

CONDENSATE. *See* POWER PLANTS—STEAM

CONTAMINATION. *See* CORROSION, POWER PLANTS—STEAM

CONTROL. *See* AUTOMATIC CONTROL, GOVERNORS, HYDRAULICS, INSTRUMENTS—PRESSURE, INSTRUMENTS—TEMPERATURE, PRODUCTION CONTROL, QUALITY CONTROL, SERVOMECHANISMS

CONVECTION. *See* HEAT TRANSFER

COOK, N. H.
Shear-angle relationship in metal cutting ... 273

COOLING
Calculation of transpiration-cooled gas-turbine blades ... 1271

COON, G. A.
Theoretical consideration of retarded control ... 827

COPPAGE, J. E.
Periodic-flow regenerator—A summary of design theory ... 779

COREY, R. C.
Furnace heat absorption in a spreader-stoker-fired steam generator
1 Furnace heat-absorption efficiency as shown by enthalpy of gases leaving the furnace ... 909
Pulverized-coal gasification Ruhrgas processes (D) ... 1100

CORROSION
Contamination of condensate by heat-exchanger-tube alloys ... 729
Corrosion and erosion in the synthetic-fuels demonstration plant ... 525
Corrosion of mercury-boiler tubes during combustion of a heavy residual oil ... 1037
Gas-turbine progress report—Materials, cooling, and fuels ... 127
Laboratory investigation of superheater-tubing materials in contact with synthetic combustion atmospheres at 1350 F ... 1015
Resistance of cast Fe-Cr-Ni alloys to corrosion in oxidizing and reducing flue-gas atmospheres ... 1021
Tubular air-heater problems ... 723

CORTEN, H. T.
On the validity of assumptions made in theories of plastic flow for metals (D) ... 1187

COST ACCOUNTING
Cost accounting ... 700

COUPLINGS
Torsional vibration notes with solutions for an untuned viscous damper and flexible coupling with nonlinear elasticity ... 241

CRANE, E. V.
Design and construction of large forging and extrusion presses for light metals (D) ... 1534

CRATIN, J. R.
Low-temperature insulation for refinery service (D) ... 464

CRAWFORD, J. H.
Influence of higher rake angles on performance in milling ... 561

CREEP OF MATERIALS
Application of high pressure in geophysics: experimental rock deformation ... 315

CREEP OF MATERIALS (*continued*)
Creep of neoprene in shear under static conditions; ten years ... 891
CROSS, B. J.
Quick-starting of high-pressure boilers (D) ... 1476
CULLEN, R. E.
Nondimensional correlation of flame propagation at subatmospheric pressures ... 43
CUTTING FLUIDS. *See* METAL CUTTING
CYCLONES. *See* DUST COLLECTORS
CYLINDERS. *See also* COMPRESSORS, HEAT TRANSFER
Distribution of mechanical and thermal stresses in multilayer cylinders ... 73
Influence of residual stress on behavior of thick-wall closed-end cylinders ... 345
Local heat-transfer coefficients on the surface of an elliptical cylinder in a high-speed air stream ... 235

D

DAMPING. *See* VIBRATION
DARLING, H. E.
High-pressure wire gage using gold-chrome wire ... 311
DATSKO, JOSEPH
Relative abrasiveness of the cast surfaces of various gray-iron castings on single-point tools of high-speed steel ... 103
DAVIS, E. L.
Torsional vibration notes with solutions for an untuned viscous damper and flexible coupling with nonlinear elasticity (D) ... 262
DEFORMATION
Application of high pressure in geophysics: experimental rock deformation ... 315
Deformation work absorbed by the workpiece during metal cutting ... 591
DE JONGE, A. E. RICHARD
Motion of a link chain over a roller ... 747
DEMING, LEROY F.
Furnace heat absorption in a spreader-stoker-fired steam generator
2 Variation in furnace heat absorption as shown by measurement of temperature of exposed side of furnace tubes (D) ... 940
DENNIS, W. R.
Study of burner oscillations of the organ-pipe type ... 15
DESCHERE, A. R.
Measurement of pulsating flow with propeller and turbine-type meters (D) ... 966
DICKEY, P. S.
Investigation of gravity reinjection of fly ash on a spreader-stoker-fired boiler unit (D) ... 1370
DIEHL, CHARLES
Controlled internal-contour shielded-root welds without backing rings ... 1103
DIES
Design and construction of large forging and extrusion presses for light metals ... 1493
DIETER, G. E.
Effect of stress amplitude on statistical variability in fatigue life of 75S-T6 aluminum alloy (D) ... 870
DIETZ, A. G. H.
Stress-crazing of plastics (D) ... 901
DIFFUSERS
Aerodynamic design of efficient two-dimensional channels ... 1241
DILLAWAY, R. B.
Investigation of flame temperatures in a single-cylinder spark-ignition engine ... 1311
DISTRIBUTION. *See* MARKETING
DODGE, BARNETT F.
High-pressure research in chemical engineering department of Yale University ... 331
DOLAN, T. J.
Effect of stress amplitude on statistical variability in fatigue life of 75S-T6 aluminum alloy ... 867
DOLAN, W. A., JR.
Gas-turbine progress report
Marine ... 169
Merchant vessels ... 177
Naval vessels ... 185
DOLL, WALTER
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery (D) ... 800
DONOVAN, J. T.
Corrosion and erosion in the synthetic-fuels demonstration plant ... 525
DORSEY, E. G., JR.
Static-dynamic load machine for high pressure ... 381
DOUGLASS, D.
Corrosion of mercury-boiler tubes during combustion of a heavy residual oil ... 1037
DOUGHTY, D. L.
Local heat-transfer coefficients on surface of an elliptical cylinder, axis ratio 1:3, in a high-speed air stream ... 1291
DOUSLIN, J. R.
Large-forging-press operations and production problems ... 1519
DOWDELL, R. B.
Measurement of pulsating flow with propeller and turbine-type meters ... 961
DRAKE, R. M., JR.
Local heat-transfer coefficients on surface of an elliptical cylinder, axis ratio 1:3, in a high-speed air stream ... 1291
Local heat-transfer coefficients on the surface of an elliptical cylinder in a high-speed air stream ... 235
DRAKE, W. V.
Contamination of condensate by heat-exchanger-tube alloys (D) ... 739
DREVES, FORD E.
Effects of cold-drawing, microstructure, and thermal treatments on the machinability and mechanical properties of carbon and alloy steel ... 1219
DRIGGS, I. H.
Gas-turbine development (progress report)—Aviation ... 217
DUSHKES, S. Z.
Analysis of the dynamics of hydraulic servomotors under inertia loads and the application to design (D) ... 1392
DUSINBERRE, G. M.
Periodic-flow regenerator—A summary of design theory (D) ... 785
Some investigations with wet compression (D) ... 418
DUST COLLECTORS
Cyclone dust collectors for boilers ... 433
Investigation of gravity reinjection of fly ash on a spreader-stoker-fired boiler unit ... 1363
Some notes on dust-sampling equipment and technique ... 1327

E

ECKERT, E. R. G.
Calculation of transpiration-cooled gas-turbine blades ... 1271
Local heat-transfer coefficients on the surface of an elliptical cylinder in a high-speed air stream (D) ... 239
EISELE, P. T.
Some vibration effects on surfaces produced by turret lathes ... 1211
ELECTRIC ANALOGY
Analogies for hydraulic and electric drives in servomechanisms ... 851
Oil whip of flexible rotors ... 1339
Optimum three-mode controller settings for automatic start-up ... 843
ELSTON, C. W.
Factors involved in starting and subsequent loading of modern steam turbines ... 1465
ENERGY. *See* COMBUSTION
ENGDAHL, R. B.
Furnace heat absorption in a spreader-stoker-fired steam generator
2 Variation in furnace heat absorption as shown by measurement of temperature of exposed side of furnace tubes (D) ... 941
Venturi as a meter for gas-solids mixtures (D) ... 950
ENGINES—INTERNAL-COMBUSTION
Investigation of flame temperatures in a single-cylinder spark-ignition engine ... 1311
ENGLISH, J. B.
Metallurgy and production of suitable aluminum-alloy ingots for large forgings and extrusions (D) ... 1539
ENGLISH, J. M.
Axial tension and bending interaction curves for members loaded inelastically (D) ... 71
ERICKSON, H. A.
Investigation of cemented tungsten carbide as bearing material ... 1203
ERNST, HANS
Radioactive cutting tools for rapid tool-life testing ... 549
EROSION. *See* CORROSION
EVAPORATION
Local coefficients of mass transfer by evaporation of water into an air jet ... 385
EXHAUST GAS. *See* GAS TURBINES

F

FAIRCHILD, F. P.
European practice with Sulzer monotube steam generators (D) ... 1361
FALER, J. A.
Relative abrasiveness of the cast surfaces of various gray-iron castings on single-point tools of high-speed steel (D) ... 107
FALKNER, JEFFERSON C.
Quick-starting of large high-pressure high-temperature boilers ... 1407
FARBAR, LEONARD
Venturi as a meter for gas-solids mixtures ... 943
FATIGUE OF MATERIALS
Effect of preloading and fatigue on mechanical properties of glass-cloth plastic laminates ... 621
FAUPEL, J. H.
Influence of residual stress on behavior of thick-wall closed-end cylinders ... 345
FEELEY, F. G., JR.
Furnace heat absorption in a spreader-stoker-fired steam generator
2 Variation in furnace heat absorption as shown by measurement of temperature of exposed side of furnace tubes ... 925
FELLOWS, J. A.
Resistance of cast Fe-Cr-Ni alloys to corrosion in oxidizing and reducing flue-gas atmospheres (D) ... 1034
FINNIE, I.
Shear-angle relationship in metal cutting ... 273
FISKE, W. P.
Cost accounting ... 700
FITS. *See* METAL FITS
FLAMES AND FLAME PROPAGATION. *See* COMBUSTION, GASES
FLEISCHHAUER, E. T.
Static-dynamic load machine for high pressure ... 381
FLEISCHMANN, W. L.
Controlled internal-contour shielded-root welds without backing rings (D) ... 1112
FLOW OF FLUIDS. *See also* FLUID METERS, HYDRODYNAMICS
Aerodynamic design of efficient two-dimensional channels ... 1241
Calculation of transpiration-cooled gas-turbine blades ... 1271
Determination of local forced-convection coefficients for spheres ... 483
Heat transfer to molten lead-bismuth eutectic in turbulent pipe flow ... 1191
Hydraulic problems encountered in intake structures of vertical wet-pit pumps and methods leading to their solution ... 643
Influence of unheated starting sections on the heat transfer from a cylinder to gas streams parallel to the axis ... 473
Investigation of heat transfer from an inclined flat plate in free convection ... 489
Laminar-flow forced convection in rectangular tubes ... 859
Local coefficients of mass transfer by evaporation of water into an air jet ... 385
Local heat-transfer coefficients on surface of an elliptical cylinder, axis ratio 1:3, in a high-speed air stream ... 1291
Local heat-transfer coefficients on the surface of an elliptical cylinder in a high-speed air stream ... 235
New aspects of natural-convection heat transfer; preliminary study of effect of frictional heating ... 1287
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery ... 789
FLUID METERS
Contributions to hydraulic control
4 Notes on the hydraulic Wheatstone bridge ... 1171
Design of a square-root-extracting, force-balance, pneumatic transmitter, including derivation of formulas ... 501
Experimental evaluation of expansion factors for steam ... 953
Fast-response true-mass-rate flowmeter ... 835

FLUID METERS (*continued*)
Measurement of pulsating flow with propeller and turbine-type meters . . . 961
NACA sonic-flow-orifice temperature probe in high-gas-temperature measurement . . . 51
On the evaluation of the accuracy of the coefficient of discharge in the basic flow-measurement equation . . . 1323
Pitot-venturi flow element water service report . . . 969
Venturi as a meter for gas-solids mixtures . . . 943

FLY ASH. *See* DUST COLLECTORS

FOLTZ, C. J.
Experimental evaluation of expansion factors for steam . . . 953

FORGING. *See also* AIRPLANE MANUFACTURE, INGOTS
Large-forging-press operations and production problems . . . 1519

FORSTER, A. H.
Public relations . . . 691

FRANKLAND, J. M.
Large-forging-press operations and production problems (D) . . . 1539

FRANSSON, K. E.
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery (D) . . . 801

FRASER, W. H.
Hydraulic problems encountered in intake structures of vertical wet-pit pumps and methods leading to their solution . . . 643

FRAZIER, P. M.
Venturi as a meter for gas-solids mixtures (D) . . . 950

FREAS, A. D.
Effect of preloading and fatigue on mechanical properties of glass-cloth plastic laminates . . . 621

FRITZLEN, T. L.
Large-extrusion-press operation and production problems (D) . . . 1540
Metallurgy and production of suitable aluminum-alloy ingots for large forgings and extrusions . . . 1513

FROST, J. A.
Simple high-speed air spinner for centrifugal testing of small mechanical devices (D) . . . 519

FRUIT. *See* HEAT TRANSFER

FUELS. *See also* COMBUSTION, GAS FUEL, OIL FUEL
Investigation of the burning characteristics of pulverized cinders . . . 1333

FULTON, R. O.
Clearancometer for determining blade-tip clearances of axial-flow compressors . . . 1

FURBECK, A. R.
Influence of residual stress on behavior of thick-wall closed-end cylinders . . . 345

G

GABRIEL, A. F.
Investigation of cemented tungsten carbide as bearing material . . . 1203

GAGES. *See also* INSTRUMENTS—PRESSURE

GARDNER, G. D.
Corrosion and erosion in the synthetic-fuels demonstration plant . . . 525

GAS ANALYSES
Temperature and gas-analysis surveys in the combustion zone of a gas-fired gas-turbine combustor . . . 1233

GAS FUEL
Temperature and gas-analysis surveys in the combustion zone of a gas-fired gas-turbine combustor . . . 1233

GAS PRODUCERS
Pulverized-coal gasification Ruhrgas processes . . . 1095

GAS-SOLID MIXTURES
Venturi as a meter for gas-solids mixtures . . . 943

GAS TURBINES
Bibliography . . . 125 134, 151, 160, 197, 233
Calculation of transpiration-cooled gas-turbine blades . . . 1271
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor . . . 35
Design and development of a broad-range, high-efficiency centrifugal compressor for a small gas-turbine compressor unit . . . 395
Effect of rotary regenerator performance on gas-turbine-plant performance . . . 759

GAS TURBINES (*continued*)
Energy basis for comparison of performance of combustion chambers . . . 29
Fast thermocouples as control-system elements sensing exhaust-gas temperatures in aircraft gas turbines . . . 7
Gas-turbine progress report
Introduction . . . 123
Automotive . . . 153
Aviation . . . 217
Cycle components . . . 137
Industrial . . . 211
Marine . . . 169
Materials, cooling, and fuels . . . 127
Merchant vessels . . . 177
Naval vessels . . . 185
Railroad . . . 161
Stationary electric generation . . . 201
Gas turbines in our century . . . 121
Periodic-flow regenerator—A summary of design theory . . . 779
Rotary regenerative air preheater for gas turbines . . . 767

GASES
Flame velocities in carbon monoxide-oxygen mixtures . . . 91
Furnace heat absorption in a spreader-stoker-fired steam generator
I Furnace heat-absorption efficiency as shown by enthalpy of gases leaving the furnace . . . 909
High-pressure research in chemical engineering department of Yale University . . . 331
Nondimensional correlation of flame propagation at subatmospheric pressures . . . 43
Resistance of cast Fe-Cr-Ni alloys to corrosion in oxidizing and reducing flue-gas atmospheres . . . 1021

GASTPAR, JACQUES
European practice with Sulzer monotube steam generators . . . 1345

GEOPHYSICS
Application of high pressure in geophysics: experimental rock deformation . . . 315

GERSTEIN, MELVIN
Nondimensional correlation of flame propagation at subatmospheric pressures (D) . . . 48

GILBERT, W. W.
Power required by carbide-tipped face-milling cutters . . . 1087
Workpiece and surface temperatures in milling (D) . . . 889

GILBRETH, LILLIAN M.
Ten years' progress in management—Foreword . . . 653

GILMAN, F. C.
Design and development of a broad-range, high-efficiency centrifugal compressor for a small gas-turbine-compressor unit (D) . . . 406
Some investigations with wet compression (D) . . . 418

GILMORE, G. D.
Some design considerations for injection-molding heating chambers . . . 903

GINSBURG, AMBROSE
Some NACA research on centrifugal compressors . . . 805

GLASS-CLOTH. *See* LAMINATES

GODFREY, MILTON L.
Heavy-press symposium (D) . . . 1541

GOLD, HAROLD
Analysis of the dynamics of hydraulic servomotors under inertia loads and the application to design . . . 1383

GOLD ALLOYS
High-pressure wire gage using gold-chrome wire . . . 311

GOLDBERG, ARNOLD
Design of a square-root-extracting, force-balance, pneumatic transmitter, including derivation of formulas . . . 501

GOLDEN, P. L.
Sensitive pressure controller for high-pressure service . . . 329

GOULD, L. A.
Analogies for hydraulic and electric drives in servomechanisms . . . 851

GOVERNMENT
Federal administrative management . . . 702

GOVERNORS
Modern trends in hydraulic-turbine design in Europe . . . 975
Use of the centrifugal governor mechanism as a torsional vibration absorber . . . 59

GOW, J. T.
Resistance of cast Fe-Cr-Ni alloys to corrosion in oxidizing and reducing flue-gas atmospheres . . . 1021

GRAPHICAL METHODS
Complete characteristic circle diagrams for turbomachinery . . . 819

GRAPHICAL METHODS (*continued*)
Controlled starting of steam turbines . . . 1461
Motion of a link chain over a roller . . . 747
Power required by carbide-tipped face-milling cutters . . . 1087
Pressure surges at large pump installations . . . 995
Theoretical consideration of retarded control . . . 827

GRASSI, R. C.
Deformation work absorbed by the workpiece during metal cutting . . . 591

GRIFFIN, R. F.
Some vibration effects on surfaces produced by turret lathes . . . 1211

GRINDING
Grinding and lapping stresses in manganese oil-hardening tool steel . . . 873

GUMZ, WILHELM
Air-preheater design as affected by fuel characteristics (D) . . . 719

GURNEY, W. B.
Air-preheater design as affected by fuel characteristics (D) . . . 722

GYROSCOPES
Lubrication of gyroscopes . . . 1147

H

HAFER, A. A.
Gas-turbine progress report
Marine . . . 169
Materials, cooling, and fuels . . . 127
Merchant vessels . . . 177
Naval vessels . . . 185

HAGG, A. C.
Contribution to the theory of oil whip (D) . . . 1159
Oil whip of flexible rotors . . . 1339

HAHN, R. S.
Deformation work absorbed by the workpiece during metal cutting (D) . . . 598
Metal-cutting chatter and its elimination . . . 1073
Shear-angle relationship in metal cutting (D) . . . 284
Significance of the thermal number in metal machining (D) . . . 115
Some observations on chip curl in the metal-cutting process under orthogonal cutting conditions . . . 581
Vibrations in knee-type horizontal milling machines (D) . . . 572

HALL, A. M.
Corrosion of mercury-boiler tubes during combustion of a heavy residual oil . . . 1037
Laboratory investigation of superheater-tubing materials in contact with synthetic combustion atmospheres at 1350 F . . . 1015

HALL, HIRAM S.
Personnel administration . . . 686

HALL, NOBLE
Marketing and distribution . . . 683

HAMER, J. P.
Lathe test for the evaluation of cutting fluids . . . 1081

HAMMOND, W. E.
Air-preheater design as affected by fuel characteristics . . . 711

HAMRICK, J. T.
Some investigations with wet compression . . . 409

HANDIN, JOHN
Application of high pressure in geophysics: experimental rock deformation . . . 315

HANZALEK, W. V.
Study of burner oscillations of the organ-pipe type (D) . . . 27

HARDER, O. E.
Resistance of cast Fe-Cr-Ni alloys to corrosion in oxidizing and reducing flue-gas atmospheres . . . 1021

HARKER, R. J.
Use of the centrifugal governor mechanism as a torsional vibration absorber (D) . . . 61

HARPER, D. B.
Effect of rotary regenerator performance on gas-turbine-plant performance . . . 759
Periodic-flow regenerator—A summary of design theory (D) . . . 785

HARTNETT, J. P.
Heat transfer to molten lead-bismuth eutectic in turbulent pipe flow . . . 1191

HAZARD, H. R.
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor (D) . . . 40

HEAD, V. P.
Measurement of pulsating flow with propeller and turbine-type meters (D).. 966

HEADRICK, A. F.
Sensitive pressure controller for high-pressure service..... 329

HEAT. *See* METAL CUTTING

HEAT EXCHANGERS. *See also* AIR HEATERS
Contamination of condensate by heat-exchanger-tube alloys..... 729
Effect of rotary regenerator performance on gas-turbine-plant performance..... 759
Periodic-flow regenerator—A summary of design theory..... 779

HEAT-INSULATING MATERIALS
Low-temperature insulation for refinery service..... 459

HEAT TRANSFER. *See also* COOLING
Determination of local forced-convection coefficients for spheres..... 483
Furnace heat absorption in a spreader-stoker-fired steam generator
1 Furnace heat-absorption efficiency as shown by enthalpy of gases leaving the furnace..... 909
2 Variation in furnace heat absorption as shown by measurement of temperature of exposed side of furnace tubes..... 925
Heat transfer to molten lead-bismuth eutectic in turbulent pipe flow..... 1191
Influence of unheated starting sections on the heat transfer from a cylinder to gas streams par?" l to the axis..... 473
Investigation of h transfer from an inclined flat plate in free convection..... 489
Laminar-flow forced convection in rectangular tubes..... 859
Local coefficients of mass transfer by evaporation of water into an air jet..... 385
Local heat-transfer coefficients on surface of an elliptical cylinder, axis ratio 1:3, in a high-speed air stream..... 1291
Local heat-transfer coefficients on the surface of an elliptical cylinder in a high-speed air stream..... 235
New aspects of natural-convection heat transfer; preliminary study of effect of frictional heating..... 1287
Periodic-flow regenerator—A summary of design theory..... 779
Some design considerations for injection-molding heating chambers..... 903
Transient and steady-state heat transfer in irradiated citrus fruit..... 421

HEAT-TREATMENT
Effects of cold-drawing, microstructure, and thermal treatments on the machinability and mechanical properties of carbon and alloy steel..... 1219

HEATERS. *See* AIR HEATERS, HEAT EXCHANGERS

HEINRITZ, STUART F.
Purchasing..... 680

HEISING, C. R.
Fast thermocouples as control-system elements sensing exhaust-gas temperatures in aircraft gas turbines..... 7

HENRIKSEN, E. K.
Deformation work absorbed by the workpiece during metal cutting (D)..... 598
Grinding and lapping stresses in manganese oil-hardening tool steel (D)..... 881
Metal-cutting chatter and its elimination (D)..... 1080
Power required by carbide-tipped face-milling cutters (D)..... 1092
Shear-angle relationship in metal cutting (D)..... 285

HENRY, H. J.
On the solution of the Reynolds equation for slider-bearing lubrication
II. The viscosity a function of the pressure (D)..... 272

HIGH-PRESSURE RESEARCH. *See also* CREEP OF MATERIALS, GEOPHYSICS, INSTRUMENTS—PRESSURE, PUMPS—RECIPROCATING, SEALS, TESTING MACHINES
High-pressure research in chemical engineering department of Yale University..... 331
Techniques and equipment for generation of dynamic high pressures..... 325

HIGH-TEMPERATURE MATERIALS
Gas-turbine progress report—Materials, cooling, and fuels..... 127

HIGHRITER, H. W.
Investigation of cemented tungsten carbide as bearing material..... 1203

HILL, CHARLES
Design and development of a broad-range, high-efficiency centrifugal compressor for a small gas-turbine compressor unit (D)..... 404

HISTORY
Gas turbines in our century..... 121

HOLMES, V. V.
Combustion of a low-volatility fuel in a turbojet combustion chamber—effects of fuel vaporization..... 1303

HOLTON, W. C.
Furnace heat absorption in a spreader-stoker-fired-steam generator
2 Variation in furnace heat absorption as shown by measurement of temperature of exposed side of furnace tubes (D)..... 941
Investigation of gravity reinjection of fly ash on a spreader-stoker-fired boiler unit..... 1363
Some notes on dust-sampling equipment and technique..... 1327

HOLZMANN, E. G.
Approaching the control problem of the automatic chemical or petroleum plant. 1373

HORNE, G. T.
Effect of stress amplitude on statistical variability in fatigue life of 75S-T6 aluminum alloy (D)..... 870

HOWELL, W. C., JR.
Lathe test for the evaluation of cutting fluids..... 1081

HRYNISZAK, W.
Rotary regenerative air preheater for gas turbines..... 767

HSIAO, C. C.
Stress-crazing of plastics..... 895

HU, L. W.
On the validity of assumptions made in theories of plastic flow for metals..... 1181

HUDSON, H. P.
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor..... 35

HUM, J. K. Y.
Comparisons at elevated temperatures of some commercial grades of ferritic cast steels (D)..... 298

HUMMELL, J. D.
Venturi as a meter for gas-solids mixtures (D)..... 950

HYDRAULIC ANALOGY
Analogies for hydraulic and electric drives in servomechanisms..... 851
Contributions to hydraulic control
4 Notes on the hydraulic Wheatstone bridge..... 1171

HYDRAULIC TURBINES
Modern trends in hydraulic-turbine design in Europe..... 975

HYDRAULICS. *See also* FLOW OF FLUIDS, PUMPS
Contributions to hydraulic control
3 Pressure-flow relationships for 4-way valves..... 1163
4 Notes on the hydraulic Wheatstone bridge..... 1171
5 Lateral forces on hydra dic pistons..... 1175

HYDRODYNAMICS. *See also* FLOW OF FLUIDS
Analysis of the dynamics of hydraulic servomotors under inertia loads and the application to design..... 1383
Cavitation tests on hydrofoils in cascade.. 1257
Dynamic operation of a force-compensated hydraulic throttling valve..... 1395
Mechanism of disintegration of liquid sheets..... 1279
On the solution of the Reynolds equation for slider-bearing lubrication
II. The viscosity a function of the pressure..... 269
Pressure distributions on the blade of an axial-flow propeller pump..... 1007

HYDROFOILS. *See* HYDRODYNAMICS

I

IMPELLERS
Pressure distributions on the blade of an axial-flow propeller pump..... 1007
Some NACA research on centrifugal compressors..... 805

INCENTIVES. *See* WAGES AND WAGE INCENTIVES

INDUSTRIAL RELATIONS
Labor relations..... 695

INGOTS
Metallurgy and production of suitable aluminum-alloy ingots for large forgings and extrusions..... 1513

INSTRUMENTS. *See also* FLUID METERS, PHOTOGRAPHY

INSTRUMENTS—MEASURING
Clearancemeter for determining blade-tip clearances of axial-flow compressors. 1

INSTRUMENTS—OPTICAL
Investigation of flame temperatures in a single-cylinder spark-ignition engine 1311

INSTRUMENTS—PRESSURE
High-pressure wire gage using gold-chrome wire..... 311
Piston gage as a precise pressure-measuring instrument..... 301
Sensitive pressure controller for high-pressure service..... 329

INSTRUMENTS—TEMPERATURE
Fast thermocouples as control-system elements sensing exhaust-gas temperatures in aircraft gas turbines..... 7
Furnace heat absorption in a spreader-stoker-fired steam generator
2 Variation in furnace heat absorption as shown by measurement of temperature of exposed side of furnace tubes. 925
Investigation of flame temperatures in a single-cylinder spark-ignition engine 1311
NACA sonic-flow-orifice temperature probe in high-gas-temperature measurement..... 51
Temperature and gas-analysis surveys in the combustion zone of a gas-fired gas-turbine combustor..... 1233

INSULATION. *See* HEAT-INSULATING MATERIALS

INTERNATIONAL RELATIONS
International co-operation..... 708

IVERSEN, H. W.
Studies of submergence requirements of high-specific-speed pumps..... 635

J

JACKSON, J. H.
Corrosion of mercury-boiler tubes during combustion of a heavy residual oil..... 1057
Laboratory investigation of superheater-tubing materials in contact with synthetic combustion atmospheres at 1350 F..... 1015
Resistance of cast Fe-Cr-Ni alloys to corrosion in oxidizing and reducing flue-gas atmospheres..... 1021

JAKOB, MAX
Influence of unheated starting sections on the heat transfer from a cylinder to gas streams parallel to the axis..... 473
Local coefficients of mass transfer by evaporation of water into an air jet..... 385

JASPER, T. MCLEAN
Distribution of mechanical and thermal stresses in multilayer cylinders (D)..... 79
Stresses in a pressure vessel with a hemispherical head (D)..... 89

JET PROPULSION
NACA sonic-flow-orifice temperature probe in high-gas-temperature measurement..... 51

JOHNSEN, I. A.
Some NACA research on centrifugal compressors..... 805

JOHNSON, D. P.
Piston gage as a precise pressure-measuring instrument..... 301

JOHNSON, H. A.
Heat transfer to molten lead-bismuth eutectic in turbulent pipe flow..... 1191

JOHNSON, J. A.
Study of burner oscillations of the organ-pipe type (D)..... 27

JOINTS. *See* PIPE JOINTS, WELDED JOINTS

JONAKIN, J.
Pulverized-coal gasification Ruhrgas processes (D)..... 1100

JONES, D. H.
Design and application of controlled-volume pumps for high pressure in the range of 10,000 to 30,000 psi..... 361

JORISSEN, A. L.
On the evaluation of the accuracy of the coefficient of discharge in the basic flow-measurement equation..... 1323

JUHASZ, S. I.
Air-preheater design as affected by fuel characteristics (D)..... 720

JUVE, A. E.
Stress relaxation in compression of rubber and synthetic-rubber vulcanizates immersed in oil..... 605

K

KAAR, P. H.
Method of obtaining shear stress-strain graphs by interpretation of moment-twist data ... 521

KARLSSON, HILMER
Air-preheater design as affected by fuel characteristics ... 711
Tubular air-heater problems (D) ... 727

KAUFMAN, C. E.
Contamination of condensate by heat-exchanger-tube alloys (D) ... 740

KAYS, W. M.
Laminar-flow forced convection in rectangular tubes ... 859

KECECIOGLU, DIMITRI
Some observations on chip curl in the metal-cutting process under orthogonal cutting conditions (D) ... 588

KEEN, W. NEWLIN
Creep of neoprene in shear under static conditions; ten years ... 891

KILNS
Engineering features of the Union oil-shale retort ... 153

KINEMATICS
Motion of a link chain over a roller ... 747

KITTREDGE, C. P.
Pressure surges at large pump installations (D) ... 1004

KNOERNSCHILD, E. M.
Aerodynamic design of efficient two-dimensional channels (D) ... 1254
Some NACA research on centrifugal compressors (D) ... 815

KOCH, PAUL
Air-preheater design as affected by fuel characteristics (D) ... 721
Tubular air-heater problems (D) ... 728

KOENIG, C. F.
Some NACA research on centrifugal compressors (D) ... 815

KOPPEL, W. K.
NACA sonic-flow-orifice temperature probe in high-gas-temperature measurement (D) ... 55

KOZACKA, J. S.
Investigation of cemented tungsten carbide as bearing material ... 1203

KRABACHER, E. J.
Radioactive cutting tools for rapid tool-life testing ... 549

KRIEG, E. H.
Contamination of condensate by heat-exchanger-tube alloys (D) ... 740
Controlled internal-contour shielded-root welds without backing rings (D) ... 1112
Quick-starting of high-pressure boilers (D) ... 1477

KUHNER, M. H.
Pressure operation of large pulverized-coal-fired boilers on the American Gas and Electric System (D) ... 545

KUIVINEN, T. O.
Full-scale fatigue testing of compressor cylinders ... 467

L

LAMINATES
Effect of preloading and fatigue on mechanical properties of glass-cloth plastic laminates ... 621
Mechanical properties of glass-cloth plastic laminates as related to direction of stress and construction of laminate ... 613

LANCASTER, O. E.
Gas-turbine development (progress report)—Aviation ... 217

LANG, H. A.
Stresses in a pressure vessel with a hemispherical head ... 83

LANG, L. F.
Investigation of gravity reinjection of fly ash on a spreader-stoker-fired boiler unit (D) ... 1371

LAPP, ROGER
Design and development of a broad-range, high-efficiency centrifugal compressor for a small gas-turbine-compressor unit (D) ... 404

LAPPING. *See* GRINDING

LAPSLEY, J. T., JR.
Deformation work absorbed by the work-piece during metal cutting ... 591

LAQUE, F. L.
Contamination of condensate by heat-exchanger-tube alloys (D) ... 741

LEAD
Plastic flow in a lead extrusion ... 575

LEAD-BISMUTH EUTECTIC. *See* METALS

LEE, E. H.
Shear-angle relationship in metal cutting (D) ... 285

LEE, SHIH-YING
Fast-response true-mass-rate flowmeter ... 835

LELAND, H. L.
Lathe test for the evaluation of cutting fluids ... 1081

LETNER, H. R.
Grinding and lapping stresses in manganese oil-hardening tool steel ... 873

LEVINSOHN, MAURICE
Experiments with water-lubricated tapered-land thrust bearings ... 1137

LEVY, S.
Local heat-transfer coefficients on surface of an elliptical cylinder, axis ratio 1:3, in a high-speed air stream ... 1291

LI, YAO TZU
Fast-response true-mass-rate flowmeter ... 835

LIDDLE, A. H., JR.
Measurement of pulsating flow with propeller and turbine-type meters ... 961

LINEAHL, E. J.
Pitot-venturi flow element water service report (D) ... 974

LIQUIDS
Mechanism of disintegration of liquid sheets ... 1279

LIVINGOOD, J. N. B.
Calculation of transpiration-cooled gas-turbine blades ... 1271

LIVINGSTON, ROBERT T.
Theory of organization and management ... 655

LOCOMOTIVES—GAS-TURBINE
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor ... 35
Gas-turbine progress report—Railroad ... 161

LOCOMOTIVES—STEAM
Investigation of the burning characteristics of pulverized cinders ... 1333

LOEWEN, E. G.
Significance of the thermal number in metal machining (D) ... 116

LONDON, A. L.
Periodic-flow regenerator—A summary of design theory ... 779

LONG, M. V.
Approaching the control problem of the automatic chemical or petroleum plant ... 1373

LOUER, H. F.
Controlled internal-contour shielded-root welds without backing rings (D) ... 1113

LOUGHIN, P. R.
Pressure operation of large pulverized-coal-fired boilers on the American Gas and Electric System (D) ... 546

LUBRICATION AND LUBRICANTS
Lubrication of gyroscopes ... 1147
On the solution of the Reynolds equation for slider-bearing lubrication
II. The viscosity a function of the pressure ... 269
III. Effect of transverse curvature ... 507
IV. Effect of temperature on the viscosity ... 1117
V. The sector thrust bearing ... 1125
VI. The parallel-surface slider bearing without side leakage ... 1133

LUCHT, F. W.
Power required by carbide-tipped face-milling cutters (D) ... 1092
Vibrations in knee-type horizontal milling machines (D) ... 572

M

MCBRIDE, J. W.
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery (D) ... 801

MCCORMICK, T. F.
Large-extrusion-press operation and production problems ... 1525
Metallurgy and production of suitable aluminum-alloy ingots for large forgings and extrusions (D) ... 1537

MACHINABILITY. *See* METAL CUTTING

MACHINE TOOLS
Radioactive cutting tools for rapid tool-life testing ... 549
Relative abrasiveness of the cast surfaces of various gray-iron castings on single-point tools of high-speed steel ... 103

MCKINNEY, M. E.
Lathe test for the evaluation of cutting fluids (D) ... 1085

MCLAIN, W. R.
Some design considerations for injection-molding heating chambers (D) ... 906

MACNIECE, EUGENE H.
Production planning and control ... 664

MAISEL, D. S.
Influence of unheated starting sections on the heat transfer from a cylinder to gas streams parallel to the axis (D) ... 480
Local coefficients of mass transfer by evaporation of water into an air jet (D) ... 392

MANAGEMENT. *See also* COST ACCOUNTING, GOVERNMENT, INDUSTRIAL RELATIONS, MARKETING, METHODS ENGINEERING, PERSONNEL WORK, PLANNING, PLANT LAYOUT, PRODUCTION CONTROL, PUBLIC RELATIONS, PURCHASING, QUALITY CONTROL, WAGES AND WAGE INCENTIVES
International co-operation ... 708
Ten years' progress in management—Foreword ... 653
Theory of organization and management ... 655

MANUFACTURING
Large-extrusion-press operation and production problems ... 1525
Large-forging-press operations and production problems ... 1519

MARIN, JOSEPH
On the validity of assumptions made in theories of plastic flow for metals ... 1181

MARINE ENGINEERING
Gas-turbine progress report
Marine ... 169
Merchant vessels ... 177
Naval vessels ... 185

MARKETING
Marketing and distribution ... 683

MARKL, A. R. C.
Thermal shock and other comparison tests of austenitic and ferritic steels for main steam piping—a summary report (D) ... 1068

MARTIN, W. L.
Low-temperature insulation for refinery service ... 459

MARTINUZZI, P. F.
Gas-turbine progress report—Cycle components ... 137

MASS FLOWMETERS. *See* FLUID METERS

MATERIALS HANDLING
Mechanical design in oil-shale retorting plants ... 441

MATHEMATICS
On the solution of the Reynolds equation for slider-bearing lubrication—V. The sector thrust bearing ... 1125
Torsional vibration notes with solutions for an untuned viscous damper and flexible coupling with nonlinear elasticity ... 241

MATHESON, J. C.
New aspects of natural-convection heat transfer; preliminary study of effect of frictional heating (D) ... 1289

MAYNARD, HAROLD B.
International co-operation ... 708

MERCHANT, M. EUGENE
Influence of higher rake angles on performance in milling ... 561
Radioactive cutting tools for rapid tool-life testing ... 549

MERCURY BOILERS. *See* POWER PLANTS—BINARY—VAPOR

METAL CARBIDES
Investigation of cemented tungsten carbide as bearing material ... 1203

METAL COATING
Corrosion of mercury-boiler tubes during combustion of a heavy residual oil ... 1037

METAL CUTTING
Deformation work absorbed by the work-piece during metal cutting ... 591
Effects of cold-drawing, microstructure, and thermal treatments on the machinability and mechanical properties of carbon and alloy steel ... 1219
Influence of higher rake angles on performance in milling ... 561
Lathe test for the evaluation of cutting fluids ... 1081
Metal-cutting chatter and its elimination ... 1073
Power required by carbide-tipped face-milling cutters ... 1087

METAL CUTTING (*continued*)
Radioactive cutting tools for rapid tool-life testing ... 549
Relative abrasiveness of the cast surfaces of various gray-iron castings on single-point tools of high-speed steel ... 103
Shear-angle relationship in metal cutting ... 273
Significance of the thermal number in metal machining ... 109
Some observations on chip curl in the metal-cutting process under orthogonal cutting conditions ... 581
Some vibration effects on surfaces produced by turret lathes ... 1211
Workpiece and surface temperatures in milling ... 883

METAL DRAWING
Effects of cold-drawing, microstructure, and thermal treatments on the machinability and mechanical properties of carbon and alloy steel ... 1219

METAL EXTRUSION. *See also* AIRPLANE MANUFACTURE
Large-extrusion-press operation and production problems ... 1525
Plastic flow in a lead extrusion ... 575

METAL FATIGUE
Effect of stress amplitude on statistical variability in fatigue life of 75S-T6 aluminum alloy ... 867

METAL FITS
Design of shrink fits ... 1199

METAL TESTING
Bibliography ... 297
Comparisons at elevated temperatures of some commercial grades of ferritic cast steels ... 289
Method of obtaining shear stress-strain graphs by interpretation of moment-twist data ... 521
Thermal shock and other comparison tests of austenitic and ferritic steels for main steam piping—a summary report ... 1051

METAL TESTING—FATIGUE
Full-scale fatigue testing of compressor cylinders ... 467

METALLURGY. *See also* CAST IRON
Effects of cold-drawing, microstructure, and thermal treatments on the machinability and mechanical properties of carbon and alloy steel ... 1219

METALS
Heat transfer to molten lead-bismuth eutectic in turbulent pipe flow ... 1191
On the validity of assumptions made in theories of plastic flow for metals ... 1181

METHODS ENGINEERING
Work simplification and work measurement ... 667

MICKEVICZ, E. J.
Techniques and equipment for generation of dynamic high pressures ... 325

MILLER, E. C.
Furnace heat absorption in a spreader-stoker-fired steam generator
2 Variation in furnace heat absorption as shown by measurement of temperature of exposed side of furnace tubes ... 925

MILLING. *See also* METAL CUTTING
Influence of higher rake angles on performance in milling ... 561
Power required by carbide-tipped face-milling cutters ... 1087
Vibrations in knee-type horizontal milling machines ... 567

MILLS, D. H.
Relative abrasiveness of the cast surfaces of various gray-iron castings on single-point tools of high-speed steel (D) ... 108

MODELS
Hydraulic problems encountered in intake structures of vertical wet-pit pumps and methods leading to their solution ... 643

MOLDING. *See* PLASTICITY

MORELLI, D. A.
Pressure distributions on the blade of an axial-flow propeller pump ... 1307

MORGAN, D. W. R., JR.
Hydraulic problems encountered in intake structures of vertical wet-pit pumps and methods leading to their solution (D) ... 648

MORROW, C. H.
Investigation of gravity reinjection of fly ash on a spreader-stoker-fired boiler unit ... 1363

MORROW, L. C.
Industrial-plant operation ... 675

MOTHERWELL, G. W.
Heavy-press symposium (D) ... 1541
Large-forging-press operations and production problems ... 1519

MOTOR VEHICLES
Gas-turbine progress report—Automotive ... 153

MULLIGAN, J. C.
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor ... 35

MURDOCK, J. W.
Experimental evaluation of expansion factors for steam ... 953

MURPHY, J. J.
Thermal shock and other comparison tests of austenitic and ferritic steels for main steam piping—a summary report (D) ... 1069

MYERS, J. W.
Furnace heat absorption in a spreader-stoker-fired steam generator
1 Furnace heat-absorption efficiency as shown by enthalpy of gases leaving the furnace ... 909

MYERS, P. S.
Combustion of a low-volatility fuel in a turbojet combustion chamber—effects of fuel vaporization ... 1303

N

NAVAL VESSELS. *See* MARINE ENGINEERING

NELSON, G. A.
Corrosion and erosion in the synthetic-fuels demonstration plant (D) ... 532

NEOPRENE. *See* RUBBER

NEWHALL, D. H.
High-pressure wire gage using gold-chrome wire ... 311
Piston gage as a precise pressure-measuring instrument ... 301

NEWHOUSE, D. L.
Comparisons at elevated temperatures of some commercial grades of ferritic cast steels (D) ... 298

NEWKIRK, B. L.
Contribution to the theory of oil whip (D) ... 1160

NICHOL, N. B.
Optimum three-mode controller settings for automatic start-up (D) ... 848

NICHOLS, J. B.
Energy basis for comparison of performance of combustion chambers ... 29

NIEMEIER, B. A.
Seals to minimize leakage at higher pressure ... 369

NOISE. *See* ACOUSTICS

NOMOGRAMS. *See* GRAPHICAL METHODS

NORTHUP, M. S.
Low-temperature insulation for refinery service (D) ... 465

NUMACHI, FUKUSABURŌ
Cavitation tests on hydrofoils in cascade ... 1257

O

OATHOUT, J. D.
Lathe test for the evaluation of cutting fluids ... 1081

O'CONNOR, B. E.
Torsional vibration notes with solutions for an untuned viscous damper and flexible coupling with nonlinear elasticity (D) ... 263

OIL FUEL
Combustion of a low-volatility fuel in a turbojet combustion chamber—effects of fuel vaporization ... 1303
Corrosion of mercury-boiler tubes during combustion of a heavy residual oil ... 1037

OIL SHALE. *See* SHALE-OIL INDUSTRY

OIL WHIP. *See* BEARINGS, VIBRATION

OLDENBURGER, RUFUS
Analysis of the dynamics of hydraulic servomotors under inertia loads and the application to design (D) ... 1393
Approaching the control problem of the automatic chemical or petroleum plant (D) ... 1380
Dynamic operation of a force-compensated hydraulic throttling valve (D) ... 1405
Modern trends in hydraulic-turbine design in Europe (D) ... 988

OLSON, W. T.
Nondimensional correlation of flame propagation at subatmospheric pressures (D) ... 48

ORDNANCE
Techniques and equipment for generation of dynamic high pressures ... 325

ORGANIZATION
Theory of organization and management ... 655

ORIFICES. *See* FLUID METERS

ORNING, A. A.
Investigation of gravity reinjection of fly ash on a spreader-stoker-fired boiler unit (D) ... 1371

OSCILLATIONS. *See* VIBRATION

OSTERLE, F.
On the solution of the Reynolds equation for slider-bearing lubrication
III. Effect of transverse curvature (D) 512
IV. Effect of temperature on the viscosity ... 1117
VI. The parallel-surface slider bearing without side leakage ... 1133

OSTRACH, SIMON
Investigation of heat transfer from an inclined flat plate in free convection (D) ... 498
New aspects of natural-convection heat transfer; preliminary study of effect of frictional heating ... 1287

OTT, ELLIS R.
Statistical quality control ... 669

OTTO, E. W.
Analysis of the dynamics of hydraulic servomotors under inertia loads and the application to design ... 1383

P

PAHNKE, A. J.
Combustion of a low-volatility fuel in a turbojet combustion chamber—effects of fuel vaporization ... 1303

PAPEN, G. W.
Design and construction of large forging and extrusion presses for light metals (D) ... 1536
Heavy-press symposium (D) ... 1541
Requirements for large light-metal forgings and extrusions in the aircraft industry ... 1483

PARMAKIAN, G.
Tubular air-heater problems ... 723

PARMAKIAN, JOHN
Pressure surges at large pump installations ... 995

PARSONS, J. R.
Energy basis for comparison of performance of combustion chambers (D) ... 33

PASCHKIS, V.
Workpiece and surface temperatures in milling (D) ... 889

PASLAY, P. R.
Design of shrink fits ... 1199

PERRY, J. A., JR.
Design of a square-root-extracting, force-balance, pneumatic transmitter, including derivation of formulas (D) ... 506

PERSONNEL WORK
Personnel administration ... 686

PESSEN, D. W.
Optimum three-mode controller settings for automatic start-up ... 843

PETERSEN, A. H.
Large-forging-press operations and production problems (D) ... 1539

PETERSON, R. E.
Effect of stress amplitude on statistical variability in fatigue life of 75S-T6 aluminum alloy (D) ... 871

PETROLEUM REFINING
Approaching the control problem of the automatic chemical or petroleum plant ... 1373
Low-temperature insulation for refinery service ... 459

PHOTOGRAPHY
Flame velocities in carbon monoxide-oxygen mixtures ... 91

PIERSON, T. A., 3RD
Cyclone dust collector for boilers (D) ... 440

PINNES, R. W.
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery (D) ... 801

PIPE AND PIPING
Thermal shock and other comparison tests of austenitic and ferritic steels for main steam piping—a summary report ... 1051

PIPE JOINTS
Operating experiences with mechanical joints in high-pressure high-temperature steam piping ... 97

PISTONS
Contributions to hydraulic control—5. Lateral forces on hydraulic pistons ... 1175

PITOT—VENTURI ELEMENTS. *See* FLUID METERS

PLANNING
Production planning and control ... 664

PLANT LAYOUT
Industrial-plant operation ... 675

PLASTICITY. *See also* DEFORMATION
On the validity of assumptions made in theories of plastic flow for metals ... 1181
Plastic flow in a lead extrusion ... 575
Some design considerations for injection-molding heating chambers ... 903

PLASTICS. *See also* LAMINATES
Stress-crazing of plastics ... 895

PLATES. *See* HEAT TRANSFER

PLUNKETT, R.
Design of shrink fits ... 1199

POPPENDIEK, H. F.
Transient and steady-state heat transfer in irradiated citrus fruit ... 421

PORITSKY, H.
Contribution to the theory of oil whip ... 1153

PORTER, DAVID B.
Work simplification and work measurement ... 667

PORTER, F. P.
Torsional vibration notes with solutions for an untuned viscous damper and flexible coupling with nonlinear elasticity ... 241

POTTER, J. H.
Flame velocities in carbon monoxide-oxygen mixtures ... 91
Investigation of flame temperatures in a single-cylinder spark-ignition engine ... 1311
Temperature and gas-analysis surveys in the combustion zone of a gas-fired gas-turbine combustor (D) ... 1239

POWELL, E. B.
Contamination of condensate by heat-exchanger-tube alloys ... 729

POWELL, S. T.
Contamination of condensate by heat-exchanger-tube alloys (D) ... 741

POWER PLANTS—BINARY-VAPOR
Corrosion of mercury-boiler tubes during combustion of a heavy residual oil ... 1037

POWER PLANTS—GAS-TURBINE
Gas-turbine progress report
Industrial ... 211
Stationary electric generation ... 201

POWER PLANTS—INDUSTRIAL. *See* POWER PLANTS—GAS-TURBINE

POWER PLANTS—STEAM
Contamination of condensate by heat-exchanger-tube alloys ... 729
European practice with Sulzer monotube steam generators ... 1345
Operating experiences with mechanical joints in high-pressure high-temperature steam piping ... 97
Operation of Sunbury Steam-Electric Station using pulverized-anthracite fuel ... 427
Pressure operation of large pulverized-coal-fired boilers on the American Gas and Electric System ... 535

POWER PRESSES. *See also* FORGING, INGOTS
Design and construction of large forging and extrusion presses for light metals ... 1493
Large-extrusion-press operation and production problems ... 1525
Symposium on heavy presses for light-metal forgings and extrusions—Introduction ... 1481

PRELOADING. *See* FATIGUE OF MATERIALS

PRESCOTT, G. R.
Rupture-disk design evaluation and bursting tests ... 355

PRESSURE VESSELS
Distribution of mechanical and thermal stresses in multilayer cylinders ... 73
Rupture-disk design evaluation and bursting tests ... 355
Stresses in a pressure vessel with a hemispherical head ... 83

PRICE, T. W.
Flame velocities in carbon monoxide-oxygen mixtures ... 91

PRINCE, D. C., JR.
Some investigations with wet compression (D) ... 419

PRINGLE, O. A.
Use of the centrifugal governor mechanism as a torsional vibration absorber ... 59

PRODUCTION CONTROL
Production planning and control ... 664

PROPERTIES OF MATERIALS. *See* LAMINATES, MATERIALS TESTING

PUBLIC RELATIONS
Public relations ... 691

PULSATIONS. *See* FLUID METERS

PULVERIZED COAL. *See also* COAL GASIFICATION

PUMPING PLANTS
Hydraulic problems encountered in intake structures of vertical wet-pit pumps and methods leading to their solution ... 643
Pressure surges at large pump installations ... 995

PUMPS
Complete characteristic circle diagrams for turbomachinery ... 819
Hydraulic problems encountered in intake structures of vertical wet-pit pumps and methods leading to their solution ... 643
Studies of submergence requirements of high-specific-speed pumps ... 635

PUMPS—CONTROLLED-VOLUME. *See* PUMPS—RECIPROCATING

PUMPS—PROPELLER
Pressure distributions on the blade of an axial-flow propeller pump ... 1007

PUMPS—RECIPROCATING
Design and application of controlled-volume pumps for high pressure in the range of 10,000 to 30,000 psi ... 361

PURCHASING
Purchasing ... 680

PUTNAM, A. A.
Nondimensional correlation of flame propagation at subatmospheric pressures (D) ... 48
Study of burner oscillations of the organ-pipe type ... 15

Q

QUALITY CONTROL
Statistical quality control ... 660

R

RADIOACTIVITY
Radioactive cutting tools for rapid tool-life testing ... 549

RAIMONDI, A. A.
On the solution of the Reynolds equation for slider-bearing lubrication—III. Effect of transverse curvature (D) ... 512

RANKIN, D. R.
Hydraulic problems encountered in intake structures of vertical wet-pit pumps and methods leading to their solution (D) ... 649
Studies of submergence requirements of high-specific-speed pumps (D) ... 640

RANSOM, V. L.
Analysis of the dynamics of hydraulic servomotors under inertia loads and the application to design ... 1383

REED, H. C.
Engineering features of the Union oil-shale retort ... 453

REGENERATORS. *See* AIR HEATERS, HEAT EXCHANGERS

RELAXATION. *See* RUBBER, STRESSES AND STRAINS

RETORTS. *See* SHALE-OIL INDUSTRY

REYNOLDS, N. E., 3RD
Experiments with water-lubricated tapered-land thrust bearings ... 1137

REYNOLDS, R. L.
Controlled starting of steam turbines ... 1461

RHEINGANS, W. J.
Cavitation tests on hydrofoils in cascade (D) ... 1269
Modern trends in hydraulic-turbine design in Europe (D) ... 989
Pressure surges at large pump installations (D) ... 1005

RICH, B. R.
Investigation of heat transfer from an inclined flat plate in free convection ... 489

RICHARDS, T. B.
Operation of Sunbury Steam-Electric Station using pulverized-anthracite fuel ... 427

RIEKE, K. L.
NACA sonic-flow-orifice temperature probe in high-gas-temperature measurement (D) ... 55
Temperature and gas-analysis surveys in the combustion zone of a gas-fired gas-turbine combustor ... 1233

RISTROPH, J. D.
Contamination of condensate by heat-exchanger-tube alloys ... 729

ROBERTSON, J. D.
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor ... 35

ROBERTSON, R. J.
Air-preheater design as affected by fuel characteristics (D) ... 722

ROBINSON, ERNEST L.
Thermal shock and other comparison tests of austenitic and ferritic steels for main steam piping—a summary report (D) ... 1070

ROCK. *See* CREEP OF MATERIALS, DEFORMATION

ROHSENOW, W. M.
Effect of rotary regenerator performance on gas-turbine-plant performance ... 759

ROMANS, J. B.
Lubrication of gyroscopes ... 1147

ROSA, ERCOLE, JR.
Work simplification and work measurement ... 667

ROTHEMICH, E. F.
Tubular air-heater problems ... 723

ROTORS. *See also* BEARINGS, CENTRIFUGAL MACHINES
Contribution to the theory of oil whip ... 1153

ROWAND, W. H.
Quick-starting of high-pressure boilers (D) ... 1476

ROWLEY, L. N., JR.
Gas-turbine progress report—Industrial ... 211

RUBBER
Creep of neoprene in shear under static conditions; ten years ... 891
Stress relaxation in compression of rubber and synthetic-rubber vulcanizates immersed in oil ... 605

RUBESIN, M. W.
Local coefficients of mass transfer by evaporation of water into an air jet (D) ... 393

RUEHLEMANN, H. E.
Simple high-speed air spinner for centrifugal testing of small mechanical devices (D) ... 519

RUPTURE DISKS. *See* BURSTING TESTS, SAFETY ENGINEERING

RUSTAY, A. L.
Large-forging-press operation and production problems ... 1519

RUTKOWSKI, J.
Investigation of heat transfer from an inclined flat plate in free convection (D) ... 498

S

SAFETY ENGINEERING
Rupture-disk design evaluation and bursting tests ... 355

SAIBEL, E.
On the solution of the Reynolds equation for slider-bearing lubrication
II. The viscosity a function of the pressure ... 269
III. Effect of transverse curvature ... 507
IV. Effect of temperature on the viscosity ... 1117
V. The sector thrust bearing ... 1125
VI. The parallel-surface slider bearing without side leakage ... 1133

SAUER, J. A.
Stress-crazing of plastics ... 895

SAWYER, R. TOM
Gas-turbine progress report—Introduction ... 123

SAXE, J. B.
Investigation of gravity reinjection of fly ash on a spreader-stoker-fired boiler unit (D) ... 1371

SCADRON, M. D.
NACA sonic-flow-orifice temperature probe in high-gas-temperature measurement (D) ... 56

SCHICKLER, EUGENE
Requirements for large light-metal forgings and extrusions in the aircraft industry (D) 1534

SCHMIDT, A. O.
Power required by carbide-tipped face-milling cutters (D) 1093
Significance of the thermal number in metal machining (D) 117
Workpiece and surface temperatures in milling 883

SCHMIDT, L. D.
Pulverized-coal gasification Ruhrgas processes (D) 1101

SCHNEITTER, LEE
Gas-turbine progress report—Stationary electric generation 201

SCHREINER, M.
Laboratory investigation of superheater-tubing materials in contact with synthetic combustion atmospheres at 1350 F (D) 1019

SCHREITZ, W. G.
Thermal shock and other comparison tests of austenitic and ferritic steels for main steam piping—a summary report 1051

SCHROEDER, H. C.
Operating experiences with mechanical joints in high-pressure high-temperature steam piping 97

SCHULZ, E. J.
Some notes on dust-sampling equipment and technique 1327

SCHWARTZ, F. L.
Gas-turbine progress report—Automotive 153

SCHWARTZ, R. T.
Effect of stress amplitude on statistical variability in fatigue life of 75S-T6 aluminum alloy (D) 871

SCHWEIKART, H. C.
Controlled internal-contour shielded-root welds without backing rings (D) 1113

SEALS
Pressure operation of large pulverized-coal-fired boilers on the American Gas and Electric System 535
Seals to minimize leakage at higher pressure 369

SEBAN, R. A.
Local heat-transfer coefficients on surface of an elliptical cylinder, axis ratio 1:3, in a high-speed air stream 1291
Local heat-transfer coefficients on the surface of an elliptical cylinder in a high-speed air stream 235

SEIPPEL, CLAUDE
Gas turbines in our century 121

SERVOMECHANISMS. *See also* AUTOMATIC CONTROL
Analogies for hydraulic and electric drives in servomechanisms 851
Analysis of the dynamics of hydraulic servomotors under inertia loads and the application to design 1383
Dynamic operation of a force-compensated hydraulic throttling valve 1395

SHAFFER, B. W.
Plastic flow in a lead extrusion (D) 579
Shear-angle relationship in metal cutting (D) 285

SHAFTS. *See* AXLES

SHALE-OIL INDUSTRY
Engineering features of the Union oil-shale retort 453
Mechanical design in oil-shale retorting plants 441

SHAW, M. C.
Deformation work absorbed by the workpiece during metal cutting (D) 601
Shear-angle relationship in metal cutting 273
Significance of the thermal number in metal machining (D) 116

SHEETS. *See* LIQUIDS, SPRAYS

SHEETS, H. E.
Design and development of a broad-range, high-efficiency centrifugal compressor for a small gas-turbine-compressor unit (D) 406

SHERWOOD, T. K.
Local coefficients of mass transfer by evaporation of water into an air jet (D) 392

SHIPS. *See* MARINE ENGINEERING

SHRINK FITS. *See* METAL FITS

SIDEBOTTOM, O. M.
Axial tension and bending interaction curves for members loaded inelastically 63

SIEKMANN, H. J.
Power required by carbide-tipped face-milling cutters 1087

SINCLAIR, G. M.
Effect of stress amplitude on statistical variability in fatigue life of 75S-T6 aluminum alloy 867

SKROTZKI, B. G. A.
Gas-turbine progress report—Industrial 211

SLUNDER, C. J.
Laboratory investigation of superheater-tubing materials in contact with synthetic combustion atmospheres at 1350 F 1015
Resistance of cast Fe-Cr-Ni alloys to corrosion in oxidizing and reducing flue-gas atmospheres 1021

SMITH, L. H., JR.
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery 789

SMOKE
Cyclone dust collectors for boilers 433

SNYDER, H. J.
Grinding and lapping stresses in manganese oil-hardening tool steel 873

SOLDAN, H. M.
Controlled internal-contour shielded-root welds without backing rings (D) 1113

SPEER, IVAN E.
Design and development of a broad-range, high-efficiency centrifugal compressor for a small gas-turbine-compressor unit 395

SPHERES. *See* HEAT TRANSFER

SPIELMAN, MAURICE
Local coefficients of mass transfer by evaporation of water into an air jet 385

SPORN, PHILIP
European practice with Sulzer monotube steam generators (D) 1361

SPRAYS
Mechanism of disintegration of liquid sheets 1279

STACK, S. S.
Fast thermocouples as control-system elements sensing exhaust-gas temperatures in aircraft gas turbines (D) 14

STANITZ, J. D.
Aerodynamic design of efficient two-dimensional channels 1241
Design and development of a broad-range, high-efficiency centrifugal compressor for a small gas-turbine-compressor unit (D) 404

STATISTICAL METHODS. *See* QUALITY CONTROL

STEAM
Experimental evaluation of expansion factors for steam 953

STEAM SUPERHEATERS
Laboratory investigation of superheater-tubing materials in contact with synthetic combustion atmospheres at 1350 F 1015
Quick-starting of high-temperature high-pressure boilers 1468
Quick-starting of large high-pressure high-temperature boilers 1407

STEAM TURBINES
Controlled starting of steam turbines 1461
Factors involved in starting and subsequent loading of modern steam turbines 1465
Quick-starting of large high-pressure high-temperature boilers 1407
Quick-starting of steam turbines 1473

STEEL ALLOYS
Comparisons at elevated temperatures of some commercial grades of ferritic cast steels 289
Effects of cold-drawing, microstructure, and thermal treatments on the machinability and mechanical properties of carbon and alloy steel 1219
Grinding and lapping stresses in manganese oil-hardening tool steel 873
Influence of residual stress on behavior of thick-wall closed-end cylinders 345

STEINBUCH, M. L.
Comparisons at elevated temperatures of some commercial grades of ferritic cast steels 289

STEPANOFF, A. J.
Studies of submergence requirements of high-specific-speed pumps (D) 639

STEWART, W. C.
Thermal shock and other comparison tests of austenitic and ferritic steels for main steam piping—a summary report 1051

STOLL, H. W.
Pitot-venturi flow element water service report 969

STONE, DONALD C.
Federal administrative management 702

STONE, M. D.
Design and construction of large forging and extrusion presses for light metals 1493

STRESSES AND STRAINS. *See also* FATIGUE OF MATERIALS, PLASTICITY, THERMAL STRESSES
Axial tension and bending interaction curves for members loaded inelastically 63
Distribution of mechanical and thermal stresses in multilayer cylinders 73
Grinding and lapping stresses in manganese oil-hardening tool steel 873
Influence of residual stress on behavior of thick-wall closed-end cylinders 345
Mechanical properties of glass-cloth plastic laminates as related to direction of stress and construction of laminate 613
Method of obtaining shear stress-strain graphs by interpretation of moment-twist data 521
Stress-crazing of plastics 895
Stress relaxation in compression of rubber and synthetic-rubber vulcanizates immersed in oil 605
Stresses in a pressure vessel with a hemispherical head 83

STRUB, R. A.
Distribution of mechanical and thermal stresses in multilayer cylinders 73

STRUCTURES
Axial tension and bending interaction curves for members loaded inelastically 63
Requirements for large light-metal forgings and extrusions in the aircraft industry 1483

STUBBS, H. E.
Mechanism of disintegration of liquid sheets 1279

STULEN, F. B.
Effect of stress amplitude on statistical variability in fatigue life of 75S-T6 aluminum alloy (D) 871

SUDHOLZ, L. H.
Lathe test for the evaluation of cutting fluids (D) 1085

SUPERHEATERS. *See* STEAM SUPERHEATERS

SURFACE FINISH
Some vibration effects on surfaces produced by turret lathes 1211

SWANNACK, J. D.
Torsional vibration notes with solutions for an untuned viscous damper and flexible coupling with nonlinear elasticity (D) 263

SWANSON, W. M.
Complete characteristic circle diagrams for turbomachinery 819

T

TAKAHASHI, Y.
Theoretical consideration of retarded control (D) 834

TEK, M. R.
Mechanism of disintegration of liquid sheets 1279

TEMPERATURE CONTROL. *See* INSTRUMENTS—TEMPERATURE

TER LINDEN, A. J.
Cyclone dust collectors for boilers 433

TESSIN, WILLIAM
Influence of unheated starting sections on the heat transfer from a cylinder to gas streams parallel to the axis 473

TESTING MACHINES. *See also* CENTRIFUGAL MACHINES
Mechanical properties of glass-cloth plastic laminates as related to direction of stress and construction of laminate 613
Static-dynamic load machine for high pressure 381

THAILING, A. G.
Distribution of mechanical and thermal stresses in multilayer cylinders (D) 81

THAYER, G. B.
Some design considerations for injection-molding heating chambers 993

THERMAL NUMBER. *See* METAL CUTTING

THERMAL STRESSES
Thermal shock and other comparison tests of austenitic and ferritic steels for main steam piping—a summary report 1051

THERMOCOUPLES. *See* INSTRUMENTS—TEMPERATURE

THERMODYNAMICS
NACA sonic-flow-orifice temperature probe in high-gas-temperature measurement ... 51
Some investigations with wet compression ... 409

THOMPSON, W. L.
Contamination of condensate by heat-exchanger-tube alloys (D) ... 739

THOMSEN, E. G.
Deformation work absorbed by the workpiece during metal cutting ... 591
Plastic flow in a lead extrusion ... 575
Shear-angle relationship in metal cutting (D) ... 286

THORN, F. C.
Stress relaxation in compression of rubber and synthetic-rubber vulcanizates immersed in oil (D) ... 611

TIFFORD, A. N.
Local heat-transfer coefficients on the surface of an elliptical cylinder in a high-speed air stream (D) ... 239

TIVY, V. V.
Approaching the control problem of the automatic chemical or petroleum plant (D) ... 1380

TOLERANCES
On the evaluation of the accuracy of the coefficient of discharge in the basic flow-measurement equation ... 1323

TOOL STEEL. *See* STEEL ALLOYS

TRAENCKNER, KURT
Pulverized-coal gasification Ruhrgas processes ... 1095

TRAUGOTT, S. C.
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery ... 789

TRIBUS, MYRON
Investigation of heat transfer from an inclined flat plate in free convection (D) ... 498
Local coefficients of mass transfer by evaporation of water into an air jet (D) ... 393
Local heat-transfer coefficients on surface of an elliptical cylinder, axis ratio 1:3, in a high-speed air stream (D) ... 1301

TRIGGER, K. J.
Deformation work absorbed by the workpiece during metal cutting (D) ... 600
Metal-cutting chatter and its elimination (D) ... 1078
Significance of the thermal number in metal machining ... 109
Some observations on chip curl in the metal cutting process under orthogonal cutting conditions (D) ... 587
Workpiece and surface temperatures in milling (D) ... 889

TRUMPLER, P. R.
Contribution to the theory of oil whip (D) ... 1159

TUBES. *See* HEAT TRANSFER

TURBINES
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery ... 789

TURBOMACHINERY. *See* COMPRESSORS, PUMPS, TURBINES

TURKOVICH, B. F.
Significance of the thermal number in metal machining (D) ... 117

TUTEUR, F. B.
Dynamic operation of a force-compensated hydraulic throttling valve ... 1395

U

UYEHARA, O. A.
Combustion of a low-volatility fuel in a turbojet combustion chamber—effects of fuel vaporization ... 1303

V

VALVES
Contributions to hydraulic control 3 Pressure-flow relationships for 4-way valves ... 1163
Dynamic operation of a force-compensated hydraulic throttling valve ... 1395

VAN LE, N.
Design and development of a broad-range, high-efficiency centrifugal compressor for a small gas-turbine-compressor unit (D) ... 405

VAN PATTER, H. S.
Modern trends in hydraulic-turbine design in Europe (D) ... 990

VAPORIZATION. *See* OIL FUEL

VARGA, GIDEON M.
Labor relations ... 695

VENTURI METERS. *See* FLUID METERS

VIAL, P. F.
Simple high-speed air spinner for centrifugal testing of small mechanical devices ... 515

VIBRATION. *See also* METAL CUTTING, SURFACE FINISH
Contribution to the theory of oil whip ... 1153
Oil whip of flexible rotors ... 1339
Study of burner oscillations of the organ-pipe type ... 15
Torsional vibration notes with solutions for an untuned viscous damper and flexible coupling with nonlinear elasticity ... 241
Use of the centrifugal governor mechanism as a torsional vibration absorber ... 59
Vibrations in knee-type horizontal milling machines ... 567

VISCOSITY. *See* LUBRICATION

W

WAGES AND WAGE INCENTIVES
Bibliography ... 674
Wage incentives ... 671

WAGNER, H. A.
Comparisons at elevated temperatures of some commercial grades of ferritic cast steels (D) ... 299

WAGNER, H. L.
Investigation of gravity reinjection of fly ash on a spreader-stoker-fired boiler unit ... 1363

WARD, J. CARLTON, JR.
Heavy-press symposium (D) ... 1541
Symposium on heavy presses for light-metal forgings and extrusions—Introduction ... 1481

WARMING, TROELS
Vibrations in knee-type horizontal milling machines (D) ... 573

WARNER, P. C.
Oil whip of flexible rotors ... 1339

WARREN, T. E.
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor ... 35

WATER HAMMER
Pressure surges at large pump installations ... 995

WATER INJECTION. *See* COMPRESSORS

WATTS, G. W.
Controlled internal-contour shielded-root welds without backing rings (D) ... 1114
Stresses in a pressure vessel with a hemispherical head ... 83

WAVE MECHANICS
Mechanism of disintegration of liquid sheets ... 1279

WEAR
Radioactive cutting tools for rapid tool-life testing ... 549

WEIL, N. A.
Thermal shock and other comparison tests of austenitic and ferritic steels for main steam piping—a summary report (D) ... 1069

WEISMANTLE, ARTHUR R.
Quick-starting of high-temperature high-pressure boilers ... 1468

WELDED JOINTS
Thermal shock and other comparison tests of austenitic and ferritic steels for main steam piping—a summary report ... 1051

WELDING
Controlled internal-contour shielded-root welds without backing rings ... 1103

WELTY, G. D.
Large-forging-press operations and production problems (D) ... 1540

WERREN, FRED
Mechanical properties of glass-cloth plastic laminates as related to direction of stress and construction of laminate ... 613

WETTEL, K. E.
Vibrations in knee-type horizontal milling machines (D) ... 572

WHITING, H. W.
Full-scale fatigue testing of compressor cylinders (D) ... 471

WILCOCK, D. F.
On the solution of the Reynolds equation for slider-bearing lubrication IV. Effect of temperature on the viscosity (D) ... 1122

WILDERSON, C. R.
Hydraulic problems encountered in intake structures of vertical wet-pit pumps and methods leading to their solution (D) ... 649

WILLARD, J. A.
Cost accounting ... 700

WILLI, R. B.
Modern trends in hydraulic-turbine design in Europe (D) ... 991

WILSON, C. D.
Quick-starting of steam turbines ... 1473

WILSON, H. I.
Combustion of a low-volatility fuel in a turbojet combustion chamber—effects of fuel vaporization (D) ... 1310

WINGERT, W. L.
Pressure operation of large pulverized-coal-fired boilers on the American Gas and Electric System (D) ... 546

WISLICENUS, G. F.
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery ... 789
Pressure distributions on the blade of an axial-flow propeller pump (D) ... 1012
Some NACA research on centrifugal compressors (D) ... 816

WOHL, KURT
Nondimensional correlation of flame propagation at subatmospheric pressures (D) ... 48

WORK SIMPLIFICATION. *See* METHODS ENGINEERING

WU, C. H.
Practical solution of a three-dimensional flow problem of axial-flow turbomachinery (D) ... 802

WYATT, H. W.
Comparisons at elevated temperatures of some commercial grades of ferritic cast steels ... 289

Y

YANG, C. T.
Plastic flow in a lead extrusion ... 575

YEKNIK, W. M.
Pressure operation of large pulverized-coal-fired boilers on the American Gas and Electric System ... 535

YELLOTT, J. I.
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor (D) ... 40
Gas-turbine progress report—Railroad ... 161

YING, A. S. C.
On the solution of the Reynolds equation for slider-bearing lubrication
III. Effect of transverse curvature ... 507
V. The sector thrust bearing ... 1125

YORK, J. L.
Mechanism of disintegration of liquid sheets ... 1279

YORKGITIS, E. A.
Contamination of condensate by heat-exchanger-tube alloys (D) ... 740

YOUNG, W. E.
Comparative performance of coals of different rank in a film-cooled gas-turbine combustor (D) ... 41

Z

ZEIGLER, P. P.
Metallurgy and production of suitable aluminum-alloy ingots for large forgings and extrusions (D) ... 1537

ZEITLIN, ALEXANDER
Design and construction of large forging and extrusion presses for light metals (D) ... 1535